

JVC

SERVICE MANUAL

COLOR TELEVISION

AV-32D305/R

BASIC CHASSIS

GE4

Supplementary

The following items for the AV-32D305/R was changed partly.

Therefore, this service manual describes only the items which differ from those of the AV-32D305/R service manual.

For details other than those described in this manual, please refer to the AV-32D305/R service manual (No.YA059, 2004/4).

DIFFERENCE LIST

EXPLODED VIEW PARTS LIST-2 (Page 3-4)

△	Ref. No.	Part No.		PART NAME	DESCRIPTION
		Before	After		
△	V01	A80AEJ15X01	A80AEJ10X01	ITC	Inc.DEF YOKE/PC MAGNET
△	T502	QQH0154-001	QQH0175-001	FB TRANSF	

PRINTED WIRING BOARD PARTS LIST

MAIN P.W. BOARD ASS'Y (Page 3-6)

⚠	Ref. No.	Part No.		PART NAME	DESCRIPTION
		SGE-1522A-M2			
		Before	After		
	R502	NRSA63J-271X	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
±1%	±2%	±5%	±10%	±20%	±30%	+30% -10%	+50% -10%	+80% -20%	+100% -0%

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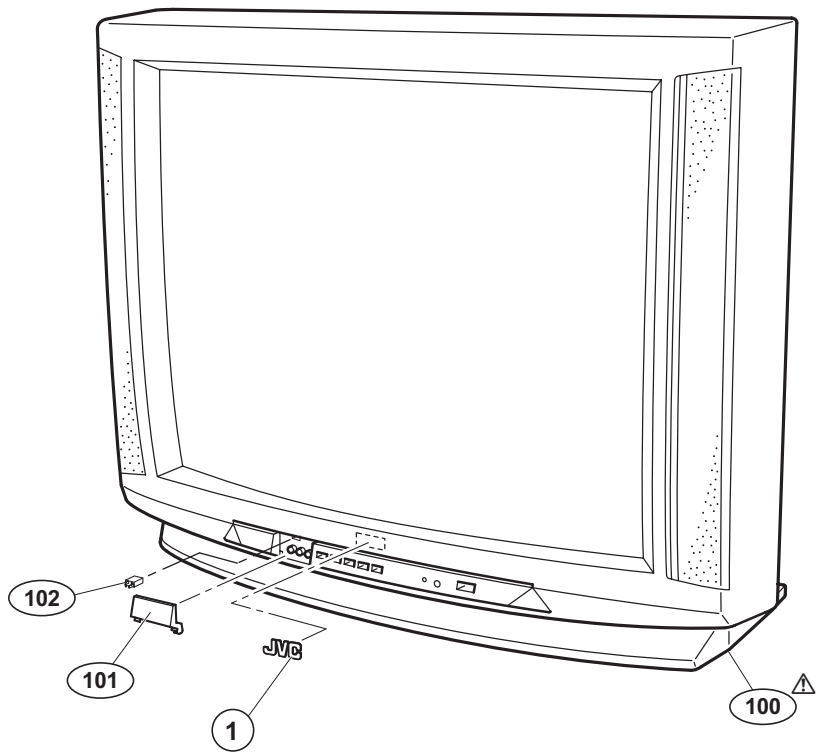
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	AV-32D305/R	AV-32D305/Y
MAIN P.W.B	SGE-1522A-M2	SGE-1521A-M2
CRT SOCKET P.W.B	SGE-3507A-M2	←
AV SELECTOR P.W.B	SGE-5503A-M2	←
FRONT TERMINAL P.W.B	SGE-6503A-M2	←
FRONT CONTROL P.W.B	SGE-7503A-M2	←
REMOTE CONTROL UNIT	RM-C1259G-1H	←

EXPLODED VIEW PARTS LIST -1

△	Ref.No.	Part No.	Part Name	Description	Local
	1	CM48006-007-C	JVC MARK		
△	100	LC10641-008A-A	FRONT CABINET ASSY	Inc.No.101-102	
	101	LC20409-006A-A	DOOR		
	102	PU60109	CATCHER		

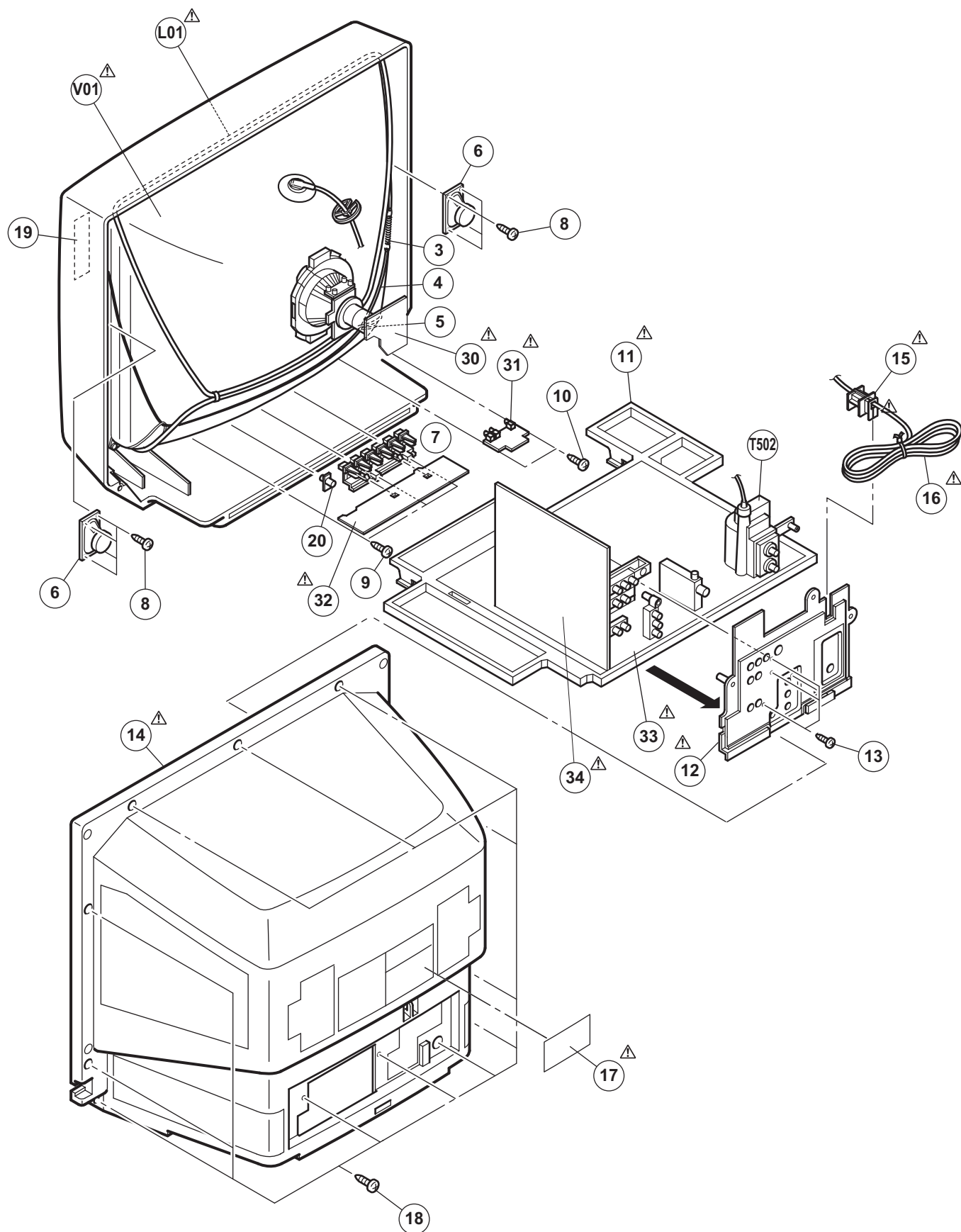
EXPLODED VIEW -1



EXPLODED VIEW PARTS LIST -2

△	Ref.No.	Part No.	Part Name	Description	Local
△	V01	A80AEJ15X01	ITC	Inc.DEF YOKE/PC MAGNET	AV-32D305/R
△	V01	M80JUA061X06	ITC	Inc.DEF YOKE/PC MAGNET	AV-32D305/Y
△	L01	CELD066-002JA	DEG COIL		
△	T502	QQH0154-001	FB TRANSF		
	3	A48457-4-S	SPRING		
	4	WJY0016-002A	E-BRAIDED ASSY		
	5	WJY0013-004A	BRAIDED ASSY		
	6	QAS0163-002	SPEAKER	SP01/SP02(x2)	
	7	LC20217-005B-A	CONTROL KNOB		
	8	QYSBSB4012Z	TAP SCREW	4mm x 12mm(x8)	
	9	QYSBSBG3010Z	TAP SCREW	M3 x 10mm(x3)	
	10	QYSBSBG3010Z	TAP SCREW	M3 x 10mm(x2)	
△	11	LC10883-001D-A	CHASSIS BASE		
△	12	LC20899-006A-A	TERMINAL BOARD		
	13	QYSBSB3010Z	TAP SCREW	3.0mm x 10mm(x4)	
△	14	LC10308-003C-A	REAR COVER		
△	15	LC20106-001D-A	POWER CORD CLAMP		
△	16	QMPD390-200-JS	POWER CORD(US/CA)	2m BLACK	
△	17	GQ30032-001A-A	RATING LABEL		
	18	QYSBSFG4016Z	TAP SCREW	4.0mm x 16mm(x14)	
△	19	GQ30034-001B-A	WARNING LABEL		
	20	LC30191-002A-A	REMOCON LENS		
△	30	SGE-3507A-M2	CRT SOCKET PWB		
△	31	SGE-6503A-M2	FRONT TERMINAL PWB		
△	32	SGE-7503A-M2	FRONT CONTROL PWB		
△	33	SGE-1522A-M2	MAIN PWB		AV-32D305/R
△	33	SGE-1521A-M2	MAIN PWB		AV-32D305/Y
△	34	SGE-5503A-M2	AV SELECTOR PWB		

EXPLODED VIEW -2



PRINTED WIRING BOARD PARTS LIST [AV-32D305/R]

MAIN P.W. BOARD ASS'Y (SGE-1522A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC101	M52342FP-X	IC	
IC201	TM8812CSDNG5DB9	IC(MCU)	
IC421	LA78041	IC	
IC621	TFA9843J/N1	IC	
IC651	NJM2150AD	IC	
IC702	AT24C08-32D305	IC	(SERVICE)
IC703	S-80840CNY-T	IC	
IC704	AN78L05-T	IC	
IC852	L7809CP	IC	
IC853	L7805CP	IC	
△IC911	STR-G6624/F8	IC	
△IC921	SE135N	IC	
Q001	UN2212-X	TRANSISTOR	
Q101	2SC5083/L-P-T	TRANSISTOR	
Q131	2SA1530A/QR/-X	TRANSISTOR	
Q161	2SC3928A/QR/-X	TRANSISTOR	
Q211	2SC3928A/QR/-X	TRANSISTOR	
Q232	2SC3928A/QR/-X	TRANSISTOR	
Q233	2SC3928A/QR/-X	TRANSISTOR	
Q352	2SC3928A/QR/-X	TRANSISTOR	
Q501	2SC4212/Z1/	TRANSISTOR	
△Q511	2SD2645-YD	TRANSISTOR	H.OUT
Q531	2SC2785/JH/-T	SI TRANSISTOR	
Q532	2SA1530A/QR/-X	TRANSISTOR	
Q541	2SA1530A/QR/-X	TRANSISTOR	
Q542	2SA1530A/QR/-X	TRANSISTOR	
Q543	2SD1267A/QP/	POW TRANSISTOR	
Q621	2SD601A/QR/-X	TRANSISTOR	
Q622	2SD601A/QR/-X	TRANSISTOR	
Q623	2SA1530A/QR/-X	TRANSISTOR	
Q625	2SD601A/QR/-X	TRANSISTOR	
Q701	2SA1530A/QR/-X	TRANSISTOR	
Q951	2SD1383K/AB/-X	SI TRANSISTOR	
Q971	2SA1208/ST/Z1-T	TRANSISTOR	
D305	1SS133-T2	DIODE	
D306	1SS133-T2	DIODE	
D307	1SS133-T2	DIODE	
D308	1SS133-T2	DIODE	
D309	1SS133-T2	DIODE	
D310	1SS133-T2	DIODE	
D352	MTZJ9.1C-T2	Z DIODE	
D353	1SS133-T2	DIODE	
D354	MTZJ3.3A-T2	Z DIODE	
D421	1N4003-T2	SI DIODE	
D422	MTZJ75-T2	Z DIODE	
D501	RH3G-F1	SI DIODE	
D502	RU3AM-LFC4	SI DIODE	
D521	RH1S-T3	SI DIODE	
D523	RGP10J-04TS-T3	SI DIODE	
D525	1SS81-T5	SI DIODE	
D526	1SS81-T5	SI DIODE	
D527	1SR124-400A-T2	SI DIODE	
D529	MTZJ5.1C-T2	Z DIODE	
△D531	MA4068N/Z1/-T2	Z DIODE	
D535	1SS133-T2	DIODE	
D601	MTZJ9.1C-T2	Z DIODE	
D602	MTZJ9.1C-T2	Z DIODE	
D603	MTZJ9.1C-T2	Z DIODE	
D621	1SS133-T2	DIODE	
D623	1SS133-T2	DIODE	
D626	1SS133-T2	DIODE	
D703	MTZJ5.6B-T2	Z DIODE	
D704	MTZJ5.6B-T2	Z DIODE	
D705	1SS133-T2	DIODE	
D706	MTZJ5.6B-T2	Z DIODE	
D707	MTZJ5.6B-T2	Z DIODE	
D708	MTZJ5.6B-T2	Z DIODE	
D709	MTZJ5.6B-T2	Z DIODE	
D723	MTZJ5.6B-T2	Z DIODE	
△D901	GSIB460	BRIDGE DIODE	
D910	MA700A-T2	SB DIODE	
D911	RGP10J-04TS-T3	SI DIODE	
D912	RGP10J-04TS-T3	SI DIODE	
D913	1SS133-T2	DIODE	
D914	1SS133-T2	DIODE	
D915	SARS01-T2	SI DIODE	
D917	MTZJ30A-T2	Z DIODE	
D918	MTZJ5.1C-T2	Z DIODE	
D920	1SS133-T2	DIODE	
D931	RU30A-F1	SI DIODE	

△Ref No.	Part No.	Part Name	Description Local
D933	RU3YX-LFC4	SI DIODE	
D935	RU3YX-LFC4	SI DIODE	
D937	RU3YX-LFC4	SI DIODE	
D941	MTZJ33A-T2	Z DIODE	
D945	MTZJ9.1B-T2	Z DIODE	
D952	1SS133-T2	DIODE	
D953	1SS133-T2	DIODE	
D954	1N4002G-T2	FR DIODE	
D955	1N4002G-T2	FR DIODE	
D956	1N4002G-T2	FR DIODE	
D957	1N4002G-T2	FR DIODE	
D972	MTZJ15C-T2	Z DIODE	
D973	1SS133-T2	DIODE	
C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C003	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C004	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M
C005	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C106	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C113	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C116	NCB31CK-224X	C CAPACITOR	0.22uF 16V K
C119	NDC31HJ-681X	C CAPACITOR	680pF 50V J
C120	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C124	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C131	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C161	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C162	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C163	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C164	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C166	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C167	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C202	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C203	NCB31HK-152X	C CAPACITOR	1500pF 50V K
C211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C212	NDC31HJ-100X	C CAPACITOR	10pF 50V J
C221	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C222	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C223	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C233	NDC31HJ-680X	C CAPACITOR	68pF 50V J
C237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C242	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C243	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C244	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C281	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
C282	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C283	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C284	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C285	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C286	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C287	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C288	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C352	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C391	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C392	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C422	QFN32AK-102Z	M CAPACITOR	1000pF 100V K
C424	QETN1VM-107Z	E CAPACITOR	100uF 35V M
C425	QETN1VM-477Z	E CAPACITOR	470uF 35V M
C427	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C428	QETM1EM-228	E CAPACITOR	2200uF 25V M
C431	QFLC2AK-563Z	M CAPACITOR	0.056uF 100V K
C433	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C435	NCB21HK-183X	C CAPACITOR	0.018uF 50V K
C440	QCS32HJ-220Z	C CAPACITOR	22pF 500V J
C501	QCB32HK-151Z	C CAPACITOR	150pF 500V K
C502	QCB32HK-331Z	C CAPACITOR	330pF 500V K
C503	QEH2CM-105Z	E CAPACITOR	1uF 160V M
C504	QEZ0203-107	E CAPACITOR	100uF 160V M
C507	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
C508	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
△C510	QFZ0196-402	MPP CAPACITOR	4000pF 1.5kV H
△C513	QFZ0198-133	MPP CAPACITOR	0.013uF 1.5kV H
C514	QFP32GJ-183	PP CAPACITOR	0.018uF 400V J
C515	QFZ0197-564	MPP CAPACITOR	0.56uF 250V J
C516	QCB32HK-561Z	C CAPACITOR	560pF 500V K

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C521	QETN2EM-106Z	E CAPACITOR	10uF 250V M	R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C523	QEHR1VM-108Z	E CAPACITOR	1000uF 35V M	R006	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M	R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J	R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J	R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
C601	NCB31CK-224X	C CAPACITOR	0.22uF 16V K	R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
C602	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J
C603	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
C604	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
C621	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C622	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C624	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
C626	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C627	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R120	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R121	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C629	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C630	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C632	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C633	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R134	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C634	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C635	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C637	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C638	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C651	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C652	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C655	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C656	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C657	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C658	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	R171	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
C659	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C660	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C661	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C662	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M	R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C853	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
C857	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
△C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R296	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
△C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K	R297	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R298	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
△C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C907	QEZ0169-477	E CAPACITOR	470uF 200V M	R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
△C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M	R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J	R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K	R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J	R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M	R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C932	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C933	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J	R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K	R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C938	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K	R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R434	QRL029J-181	OMF RESISTOR	180Ω 2W J
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
C943	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R504	QRL039J-122	OMF RESISTOR	1.2kΩ 3W J
△C997	QCZ9079-102	C CAPACITOR	1000pF AC250V M	R505	QRL039J-122	OMF RESISTOR	1.2kΩ 3W J
△C998	QCZ9074-103	C CAPACITOR	0.01uF AC250V M	R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
△C999	QCZ9074-103	C CAPACITOR	0.01uF AC250V M	R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
				R516	QRZ0221-2R0	OMF RESISTOR	2Ω 7W K
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R524	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J

△Ref No.	Part No.	Part Name	Description Local
R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J
R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
△R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J
R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
△R535	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D
R536	QRE121J-470Y	C RESISTOR	47Ω 1/2W J
△R537	NRSA63D-752X	MG RESISTOR	7.5kΩ 1/16W D
R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R543	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J
R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J
R545	QRE121J-822Y	C RESISTOR	8.2kΩ 1/2W J
R546	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R548	QRE121J-152Y	C RESISTOR	1.5kΩ 1/2W J
R553	QRL039J-180	OMF RESISTOR	18Ω 3W J
△R554	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J
R555	QRX029J-3R3	MF RESISTOR	3.3Ω 2W J
R601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R621	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R623	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R624	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R626	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R627	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R628	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R630	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R631	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R649	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R651	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R652	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R653	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R654	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R655	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R659	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R680	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R701	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R705	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R729	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R731	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R733	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R734	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R739	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R764	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R765	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R766	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R767	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R769	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
R772	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R816	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
R821	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J
R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R839	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J
R858	QRL029J-820	OMF RESISTOR	82Ω 2W J
R901	QRF074K-R47	UNF WW RESISTOR	0.47Ω 7W K
R909	QRG01GJ-470	OMF RESISTOR	47Ω 1W J
R911	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R912	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
R913	QRT029J-R22	MF RESISTOR	0.22Ω 2W J
△R914	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J
△R915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J
△R917	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J
R918	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J
R924	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J
R930	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R940	QRE121J-181Y	C RESISTOR	180Ω 1/2W J
R941	QRL029J-183	OMF RESISTOR	18Ω 2W J
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R951	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R952	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J

△Ref No.	Part No.	Part Name	Description Local
R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J
R972	NRVA02D-102X	CMF RESISTOR	1kΩ 1/10W D
R973	NRVA02D-272X	CMF RESISTOR	2.7kΩ 1/10W D
R975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J
R978	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
△R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K
R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J
L001	QQL244K-560Z	PEAKING COIL	56uH K
L101	QQLZ014-R39	COIL	0.39uH 100mA L
L131	QQL29BJ-220Z	P COIL	0.65Ω 22uH J
L161	QQL29BJ-220Z	P COIL	0.65Ω 22uH J
L232	QQL244K-560Z	PEAKING COIL	56uH K
L241	QQL244K-220Z	PEAKING COIL	22uH K
L391	QQL244K-220Z	PEAKING COIL	22uH K
L511	QQR1027-003	LINIARITY COIL	
L512	QQLZ036-821	COIL	820uH K
L521	QQLZ026-360	COIL	36uH ±7%
L701	QQL244K-220Z	PEAKING COIL	22uH K
L702	QQL244K-220Z	PEAKING COIL	22uH K
L703	QQL244K-220Z	PEAKING COIL	22uH K
L704	QQL244K-220Z	PEAKING COIL	22uH K
L705	QQL244K-220Z	PEAKING COIL	22uH K
L931	QQL26AK-470Z	CHOKE COIL	47uH K
L933	QQL26AK-470Z	CHOKE COIL	47uH K
L937	QQL26AK-470Z	CHOKE COIL	47uH K
L940	QQR0582-001Z	FERRITE BEADS	
T111	QQR0907-001	I F T	
T501	QQR1414-001	DRIVE TRANSF	
△T921	QQS0152-001	SW TRANSF	
△T951	QQT0355-001	POWER TRANSF	
CF001	QAX0349-001	C TRAP	47.25MHz
CF131	QAX0639-001Z	C TRAP	4.500MHz
CF161	QAX0642-001Z	C FILTER	4.500MHz
CN001	QGB1505J1-35	CONNECTOR	B-B (1-35)
CN0E1	CE41507-001P	LV CONNECTOR	
△CP932	ICP-N70-T	IC PROTECTOR	2.5A
△CP933	ICP-N70-T	IC PROTECTOR	2.5A
△CP936	ICP-N70-T	IC PROTECTOR	2.5A
△F901	QMF51N1-5R0-J5	FUSE	5A AC125V
△F905	QMFZ049-5R0Z-E	FUSE	5A 125V
△FR525	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J
HS001	LC32600-001A	HEAT SINK	
HS002	LC31678-002A	HEAT SINK/AL-F	
HS003	LC32111-002A	HEAT SINK/AL-F	
HS004	CEHE015-001WU	HEAT SINK	
HS005	CM42862-00G-H	HEAT SINK ASSY	
HS007	CEHT11B-002QS	HEAT SINK	
J601	QNN0349-002	PIN JACK	COMP IN
K101	QQR0582-001Z	FERRITE BEADS	
K401	QQR0621-002Z	FERRITE BEADS	
K912	QQR0582-001Z	FERRITE BEADS	
K916	QQR0582-001Z	FERRITE BEADS	
K917	QQR0582-001Z	FERRITE BEADS	
K918	QQR0582-001Z	FERRITE BEADS	
K931	QQR0582-001Z	FERRITE BEADS	
K932	QQR0582-001Z	FERRITE BEADS	
K933	QQR0621-002Z	FERRITE BEADS	
K935	QQR0582-001Z	FERRITE BEADS	
K937	QQR0582-001Z	FERRITE BEADS	
LC601	QQR1459-001	EMI F. COIL	
LC602	QQR1459-001	EMI F. COIL	
LC603	QQR1459-001	EMI F. COIL	
△LF901	QQR0527-003	LINE FILTER	
△PC921	PC123Y22	PHOTO COUPLER	
△RY951	QSK0086-001	RELAY	
S421	QSL4A13-C02	LEVER SWITCH	V.CENTER
SF101	QAX0723-001	SAW FILTER	
△TH901	QAD0132-3R0	W-PIC	3Ω
△TU001	QAU0305-001	TUNER	
△VA901	ERZV10V621CS	ZNR	
X701	QAX0767-001Z	CRYSTAL	8MHz

CRT SOCKET P.W. BOARD ASS'Y (SGE-3507A-M2)

△Ref No.	Part No.	Part Name	Description Local
Q3351	2SC4544-LB	POW TRANSISTOR	
Q3352	2SC4544-LB	POW TRANSISTOR	
Q3353	2SC4544-LB	POW TRANSISTOR	
Q3391	2SA1530A/QR/-X	TRANSISTOR	

△Ref No.	Part No.	Part Name	Description Local
D3389	MTZJ5.1A-T2	Z DIODE	
D3390	1SS133-T2	DIODE	
D3391	1SS133-T2	DIODE	
D3393	1SS133-T2	DIODE	
D3394	1SS133-T2	DIODE	
D3395	1SS133-T2	DIODE	
C3354	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C3355	NDC31HJ-331X	C CAPACITOR	330pF 50V J
C3356	NDC31HJ-391X	C CAPACITOR	390pF 50V J
C3357	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C3382	QC20121-102	C CAPACITOR	1000pF 3KV
C3391	QETN1AM-107Z	E CAPACITOR	100uF 10V M
C3392	NDC31HJ-101X	C CAPACITOR	100pF 50V J
R3354	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R3355	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R3356	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R3357	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3358	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3359	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R3360	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
R3361	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
R3362	QRZ0107-152Z	C RESISTOR	1.5kΩ 1/2W K
R3363	QRG029J-103	OMF RESISTOR	10kΩ 2W J
R3364	QRG029J-103	OMF RESISTOR	10kΩ 2W J
R3365	QRG029J-103	OMF RESISTOR	10kΩ 2W J
R3366	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R3367	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R3368	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R3372	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3373	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3374	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R3381	QRE121J-394Y	C RESISTOR	390kΩ 1/2W J
R3391	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R3393	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
L3381	QQL244K-101Z	PEAKING COIL	100uH K
CN3004	QJB003-054610	SIN ID C-B WIRE	
CN3005	WJA0027-002A	E-SI ID WIRE	
CN30E2	QUB130-42A6AS	SIN TWIST WIRE	
△SK3351	QNZ0536-001	CRT SOCKET	

AV SELECTOR P.W. BOARD ASS'Y (SGE-5503A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC5001	CXA2205Q-X	IC	
IC5201	TC90A49AP	IC	
IC5501	TA1218AN	IC	
Q5001	2SA1530A/QR/-X	TRANSISTOR	
Q5002	2SA1530A/QR/-X	TRANSISTOR	
Q5211	2SC3928A/QR/-X	TRANSISTOR	
Q5212	2SC3928A/QR/-X	TRANSISTOR	
Q5251	2SC3928A/QR/-X	TRANSISTOR	
Q5252	2SA1530A/QR/-X	TRANSISTOR	
Q5253	2SA1530A/QR/-X	TRANSISTOR	
Q5261	2SA1530A/QR/-X	TRANSISTOR	
Q5262	2SC3928A/QR/-X	TRANSISTOR	
Q5263	2SA1530A/QR/-X	TRANSISTOR	
Q5384	DTC323TK-X	DIGI TRANSISTOR	
Q5385	DTC323TK-X	DIGI TRANSISTOR	
Q5386	DTC323TK-X	DIGI TRANSISTOR	
Q5387	DTC323TK-X	DIGI TRANSISTOR	
Q5501	2SA1530A/QR/-X	TRANSISTOR	
D5391	MTZJ9.1C-T2	Z DIODE	
D5392	MTZJ9.1C-T2	Z DIODE	
D5501	MTZJ9.1C-T2	Z DIODE	
D5502	MTZJ9.1C-T2	Z DIODE	
D5503	MTZJ9.1C-T2	Z DIODE	
D5504	MTZJ9.1C-T2	Z DIODE	
D5505	MTZJ9.1C-T2	Z DIODE	
D5507	MTZJ9.1C-T2	Z DIODE	
D5508	MTZJ9.1C-T2	Z DIODE	
D5509	MTZJ9.1C-T2	Z DIODE	
D5510	MTZJ9.1C-T2	Z DIODE	
D5511	MTZJ9.1C-T2	Z DIODE	
D5512	MTZJ9.1C-T2	Z DIODE	
D5513	MTZJ9.1C-T2	Z DIODE	
C5001	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M

△Ref No.	Part No.	Part Name	Description Local
C5002	NCB31HK-562X	C CAPACITOR	5600pF 50V K
C5003	NCB31HK-123X	C CAPACITOR	0.012uF 50V K
C5004	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C5005	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C5006	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5007	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C5008	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5009	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5010	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
C5011	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5012	NCB31HK-272X	C CAPACITOR	2700pF 50V K
C5013	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C5014	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5015	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5016	QETN1HM-105Z	E CAPACITOR	1uF 50V M
C5017	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5018	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5019	NCB31HK-223X	C CAPACITOR	0.022uF 50V K
C5020	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C5021	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5022	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C5023	NCB31HK-472X	C CAPACITOR	4700pF 50V K
C5024	QENC1HM-475Z	BP E CAPACITOR	4.7uF 50V M
C5025	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C5026	QETN1HM-335Z	E CAPACITOR	3.3uF 50V M
C5027	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5030	QETN1CM-227Z	E CAPACITOR	220uF 16V M
C5031	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5203	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C5204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5205	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C5206	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
C5212	NDC31HJ-101X	C CAPACITOR	100pF 50V J
C5213	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C5214	NDC31HJ-181X	C CAPACITOR	180pF 50V J
C5215	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C5226	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5231	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5232	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5233	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5234	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5235	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5236	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5238	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5239	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5240	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5242	QETN1CM-107Z	E CAPACITOR	100uF 16V M
C5243	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5246	NDC31HJ-181X	C CAPACITOR	180pF 50V J
C5247	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5251	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C5252	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5253	NDC31HJ-820X	C CAPACITOR	82pF 50V J
C5255	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C5263	NDC31HJ-470X	C CAPACITOR	47pF 50V J
C5380	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5391	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C5392	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
C5501	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C5502	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C5503	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5504	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5508	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C5509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5520	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C5521	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C5531	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5532	QETN1EM-476Z	E CAPACITOR	47uF 25V M
C5533	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C5534	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
R5001	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R5002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R5003	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5004	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
R5005	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J
R5007	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R5008	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R5009	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R5010	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
R5011	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5012	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local
R5013	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5015	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5017	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J
R5031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5032	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5033	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R5034	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R5210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5211	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R5212	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5213	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5214	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J
R5215	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R5216	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
R5217	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R5240	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5241	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
R5242	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5243	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5251	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R5253	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5254	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5255	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R5258	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5259	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R5261	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5262	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R5263	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R5265	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5269	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
R5270	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R5384	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5385	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5386	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5387	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R5391	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5392	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5393	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R5394	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J
R5395	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5396	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R5501	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5502	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5503	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5504	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5505	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5507	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5508	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R5509	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5510	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5511	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5512	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5513	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
R5514	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5515	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5516	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5519	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R5520	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R5521	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R5522	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5523	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5524	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5526	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5532	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5533	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R5541	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5542	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5543	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5544	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5545	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R5546	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R5558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5559	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5560	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R5561	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L5202	QQL244K-150Z	PEAKING COIL	15uH K
L5211	QQL244K-4R7Z	PEAKING COIL	4.7uH K
L5241	QQL244K-4R7Z	PEAKING COIL	4.7uH K
L5243	QQL244K-4R7Z	PEAKING COIL	4.7uH K
L5244	QQL244K-4R7Z	PEAKING COIL	4.7uH K
L5261	QQL244K-150Z	PEAKING COIL	15uH K
CN5001	QGB1505K1-35	CONNECTOR	B-B (1-35)

△Ref No.	Part No.	Part Name	Description Local
J5501	QNZ0454-001	AV JACK	S/V/L/R IN
J5502	QNN0348-001	PIN JACK	L/R IN
J5503	QNN0348-001	PIN JACK	L/R OUT

FRONT TERMINAL P.W. BOARD ASS'Y (SGE-6503A-M2)

△Ref No.	Part No.	Part Name	Description Local
C6401	QETN1HM-106Z	E CAPACITOR	10uF 50V M
C6402	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
C6403	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
R6401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R6402	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R6403	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
CN6006	QJB003-054610	SIN ID C-B WIRE	
J6401	QNN0281-003	PIN JACK	V IN
J6402	QNN0281-002	PIN JACK	L IN
J6403	QNN0282-001	PIN JACK	R IN
LC6401	QQR1459-001	EMI F. COIL	
LC6402	QQR1459-001	EMI F. COIL	
LC6403	QQR1459-001	EMI F. COIL	

FRONT CONTROL P.W. BOARD ASS'Y (SGE-7503A-M2)

△Ref No.	Part No.	Part Name	Description Local
IC7701	GP1UM281QK	IR DETECT UNIT	38kHz
Q7702	UN2112-X	TRANSISTOR	
D7701	LG22440	LED	POWER
C7701	QETN1EM-476Z	E CAPACITOR	47uF 25V M
R7702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7703	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7704	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R7705	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R7706	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
R7708	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
R7709	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
R7710	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R7711	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
CN7007	QJB003-064826	SIN ID C-B WIRE	
S7701	QSW0619-003Z	TACT SWITCH	POWER
S7702	QSW0619-003Z	TACT SWITCH	MENU
S7703	QSW0619-003Z	TACT SWITCH	CH-
S7704	QSW0619-003Z	TACT SWITCH	CH+
S7705	QSW0619-003Z	TACT SWITCH	VOL-
S7706	QSW0619-003Z	TACT SWITCH	VOL+

PRINTED WIRING BOARD PARTS LIST [AV-32D305M]

MAIN P.W. BOARD ASS'Y (SGE-1521A-M2)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
IC101	M52342FP-X	IC	(SERVICE)	D933	RU3YX-LFC4	SI DIODE	
IC201	TM8812CSDNG5DB9	IC(MCU)		D935	RU3YX-LFC4	SI DIODE	
IC421	LA78041	IC		D937	RU3YX-LFC4	SI DIODE	
IC621	TFA9843J/N1	IC		D941	MTZJ33A-T2	Z DIODE	
IC651	NJM2150AD	IC		D945	MTZJ9.1B-T2	Z DIODE	
IC702	AT24C08-32D305	IC		D952	1SS133-T2	DIODE	
IC703	S-80840CNY-T	IC		D953	1SS133-T2	DIODE	
IC704	AN78L05-T	IC		D954	1N4002G-T2	FR DIODE	
IC852	L7809CP	IC		D955	1N4002G-T2	FR DIODE	
IC853	L7805CP	IC		D956	1N4002G-T2	FR DIODE	
△IC911	STR-G6624/F8	IC		D957	1N4002G-T2	FR DIODE	
△IC921	SE135N	IC		D972	MTZJ15C-T2	Z DIODE	
				D973	1SS133-T2	DIODE	
Q001	UN2212-X	TRANSISTOR	H.OUT	C001	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M
Q101	2SC5083/L-P/-T	TRANSISTOR		C003	QETN1HM-106Z	E CAPACITOR	10uF 50V M
Q131	2SA1530A/QR/-X	TRANSISTOR		C004	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M
Q161	2SC3928A/QR/-X	TRANSISTOR		C005	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q211	2SC3928A/QR/-X	TRANSISTOR		C101	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q232	2SC3928A/QR/-X	TRANSISTOR		C102	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q233	2SC3928A/QR/-X	TRANSISTOR		C104	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q233	2SC3928A/QR/-X	TRANSISTOR		C105	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q352	2SC3928A/QR/-X	TRANSISTOR		C106	QETN1EM-476Z	E CAPACITOR	47uF 25V M
Q501	2SC4212/Z1/	TRANSISTOR		C107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
△Q511	2SD2645-YD	TRANSISTOR		C113	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q531	2SC2785/JH/-T	SI TRANSISTOR		C114	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q532	2SA1530A/QR/-X	TRANSISTOR		C116	NCB31CK-224X	C CAPACITOR	0.22uF 16V K
Q541	2SA1530A/QR/-X	TRANSISTOR		C119	NDC31HJ-681X	C CAPACITOR	680pF 50V J
Q542	2SA1530A/QR/-X	TRANSISTOR		C120	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
Q543	2SD1267A/QP/-	POW TRANSISTOR		C124	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q621	2SD601A/QR/-X	TRANSISTOR		C131	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q622	2SD601A/QR/-X	TRANSISTOR		C161	QETN1HM-106Z	E CAPACITOR	10uF 50V M
Q623	2SA1530A/QR/-X	TRANSISTOR		C162	QETN1HM-106Z	E CAPACITOR	10uF 50V M
Q625	2SD601A/QR/-X	TRANSISTOR		C163	NDC31HJ-470X	C CAPACITOR	47pF 50V J
Q701	2SA1530A/QR/-X	TRANSISTOR		C164	NDC31HJ-470X	C CAPACITOR	47pF 50V J
Q951	2SD1383K/AB/-X	SI TRANSISTOR		C165	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
Q971	2SA1208/ST/Z1-T	TRANSISTOR		C166	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
				C167	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D305	1SS133-T2	DIODE		C202	QETN1HM-105Z	E CAPACITOR	1uF 50V M
D306	1SS133-T2	DIODE		C203	NCB31HK-152X	C CAPACITOR	1500pF 50V K
D307	1SS133-T2	DIODE		C211	QENC1CM-106Z	BP E CAPACITOR	10uF 16V M
D308	1SS133-T2	DIODE		C212	NDC31HJ-100X	C CAPACITOR	10pF 50V J
D309	1SS133-T2	DIODE		C221	QETN1HM-106Z	E CAPACITOR	10uF 50V M
D310	1SS133-T2	DIODE		C222	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
D352	MTZJ9.1C-T2	Z DIODE		C223	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D353	1SS133-T2	DIODE		C233	NDC31HJ-680X	C CAPACITOR	68pF 50V J
D354	MTZJ3.3A-T2	Z DIODE		C237	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D421	1N4003-T2	SI DIODE		C241	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D422	MTZJ75-T2	Z DIODE		C242	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
D501	RH3G-F1	SI DIODE		C243	QETN1CM-107Z	E CAPACITOR	100uF 16V M
D502	RU3AM-LFC4	SI DIODE		C244	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D521	RH1S-T3	SI DIODE		C281	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J
D523	RGP10J-04TS-T3	SI DIODE		C282	QETN1CM-107Z	E CAPACITOR	100uF 16V M
D525	1SS81-T5	SI DIODE		C283	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D526	1SS81-T5	SI DIODE		C284	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M
D527	1SR124-400A-T2	SI DIODE		C285	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D529	MTZJ5.1C-T2	Z DIODE		C286	QETN1HM-474Z	E CAPACITOR	0.47uF 50V M
△D531	MA4068N/Z1/-T2	Z DIODE		C287	QETN1CM-107Z	E CAPACITOR	100uF 16V M
D535	1SS133-T2	DIODE		C288	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D601	MTZJ9.1C-T2	Z DIODE		C352	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D602	MTZJ9.1C-T2	Z DIODE		C354	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D603	MTZJ9.1C-T2	Z DIODE		C360	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D621	1SS133-T2	DIODE		C391	QETN1CM-107Z	E CAPACITOR	100uF 16V M
D623	1SS133-T2	DIODE		C392	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
D626	1SS133-T2	DIODE		C422	QFN32AK-102Z	M CAPACITOR	1000pF 100V K
D703	MTZJ5.6B-T2	Z DIODE		C424	QETN1VM-107Z	E CAPACITOR	100uF 35V M
D704	MTZJ5.6B-T2	Z DIODE		C425	QETN1VM-477Z	E CAPACITOR	470uF 35V M
D705	1SS133-T2	DIODE		C427	QETN1HM-105Z	E CAPACITOR	1uF 50V M
D706	MTZJ5.6B-T2	Z DIODE		C428	QETM1EM-228	E CAPACITOR	2200uF 25V M
D707	MTZJ5.6B-T2	Z DIODE		C431	QFLC2AK-563Z	M CAPACITOR	0.056uF 100V K
D708	MTZJ5.6B-T2	Z DIODE		C433	QETN1EM-476Z	E CAPACITOR	47uF 25V M
D709	MTZJ5.6B-T2	Z DIODE		C435	NCB21HK-183X	C CAPACITOR	0.018uF 50V K
D723	MTZJ5.6B-T2	Z DIODE		C440	QCS32HJ-220Z	C CAPACITOR	22pF 500V J
△D901	GSIB460	BRIDGE DIODE		C501	QCB32HK-151Z	C CAPACITOR	150pF 500V K
D910	MA700A-T2	SB DIODE		C502	QCB32HK-331Z	C CAPACITOR	330pF 500V K
D911	RGP10J-04TS-T3	SI DIODE		C503	QHR2CM-105Z	E CAPACITOR	1uF 160V M
D912	RGP10J-04TS-T3	SI DIODE		C504	QE20203-107	E CAPACITOR	100uF 160V M
D913	1SS133-T2	DIODE		C507	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
D914	1SS133-T2	DIODE		C508	QEM61HK-475Z	E CAPACITOR	4.7uF 50V K
D915	SARS01-T2	SI DIODE		△C510	QFZ0200-352	MPP CAPACITOR	3500pF 1.5kV H
D917	MTZJ30A-T2	Z DIODE		△C513	QFZ0198-133	MPP CAPACITOR	0.013uF 1.5kV H
D918	MTZJ5.1C-T2	Z DIODE		C514	QFP32GJ-183	PP CAPACITOR	0.018uF 400V J
D920	1SS133-T2	DIODE		C515	QFZ0197-564	MPP CAPACITOR	0.56uF 250V J
D931	RU30A-F1	SI DIODE		C516	QCB32HK-561Z	C CAPACITOR	560pF 500V K

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C521	QETN2EM-106Z	E CAPACITOR	10uF 250V M	R005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C523	QEHR1VM-108Z	E CAPACITOR	1000uF 35V M	R006	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C525	QETN1VM-107Z	E CAPACITOR	100uF 35V M	R008	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J
C526	QFV21HJ-824Z	MF CAPACITOR	0.82uF 50V J	R009	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J
C527	QFLC2AJ-103Z	M CAPACITOR	0.01uF 100V J	R101	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C531	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R102	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C533	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R103	QRE121J-101Y	C RESISTOR	100Ω 1/2W J
C601	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R104	NRSA63J-180X	MG RESISTOR	18Ω 1/16W J
C602	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R105	NRSA63J-270X	MG RESISTOR	27Ω 1/16W J
C603	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R111	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J
C604	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R112	NRSA63J-334X	MG RESISTOR	330kΩ 1/16W J
C621	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R113	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C622	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R115	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C624	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R116	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
C626	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	R117	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C627	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R120	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C628	QETN1HM-226Z	E CAPACITOR	22uF 50V M	R121	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J
C629	NCF21CZ-105X	C CAPACITOR	1uF 16V Z	R131	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C630	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R132	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C632	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R133	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J
C633	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R134	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C634	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R135	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C635	QETN1HM-105Z	E CAPACITOR	1uF 50V M	R161	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C637	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R163	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C638	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R164	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C651	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	R165	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C652	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	R166	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C655	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R167	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C656	NCB31HK-332X	C CAPACITOR	3300pF 50V K	R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C657	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	R169	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C658	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	R171	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
C659	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R201	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C660	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R212	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C661	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R215	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C662	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R216	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J
C700	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R217	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
C701	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R227	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
C702	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R231	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C703	QETN1HM-106Z	E CAPACITOR	10uF 50V M	R237	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C704	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R238	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
C705	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R241	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
C708	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R243	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C709	NDC31HJ-220X	C CAPACITOR	22pF 50V J	R281	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J
C711	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R282	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J
C712	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R283	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C728	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R286	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C807	QETN1AM-477Z	E CAPACITOR	470uF 10V M	R287	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C815	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R288	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
C853	QETN1EM-227Z	E CAPACITOR	220uF 25V M	R289	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J
C854	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R290	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J
C856	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R292	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J
C857	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	R293	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
△C901	QFZ9072-104	MM CAPACITOR	0.1uF AC250V K	R296	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
△C902	QFZ9072-473	MM CAPACITOR	0.047uF AC250V K	R297	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
△C904	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R298	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
△C905	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R301	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
△C906	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R302	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
C907	QEZ0169-477	E CAPACITOR	470uF 200V M	R303	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
△C908	QCZ9054-102	C CAPACITOR	1000pF AC250V Z	R304	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C912	QCZ0340-222	C CAPACITOR	2200pF 2kV K	R305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C913	QFLC1HJ-471Z	M CAPACITOR	470pF 50V J	R306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C914	QETN1HM-107Z	E CAPACITOR	100uF 50V M	R354	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C916	NDC31HJ-331X	C CAPACITOR	330pF 50V J	R355	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C917	NCB31HK-182X	C CAPACITOR	1800pF 50V K	R356	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J
C918	NCB21HK-104X	C CAPACITOR	0.1uF 50V K	R359	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C919	QFP32GJ-103	PP CAPACITOR	0.01uF 400V J	R421	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J
C931	QEZ0203-107	E CAPACITOR	100uF 160V M	R423	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C932	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R424	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
C933	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R426	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J
C934	NDC31HJ-151X	C CAPACITOR	150pF 50V J	R427	QRT029J-1R5	MF RESISTOR	1.5Ω 2W J
C935	QETN1EM-108Z	E CAPACITOR	1000uF 25V M	R429	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C937	QCZ0340-102	C CAPACITOR	1000pF 2kV K	R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J
C938	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R432	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C939	QCB32HK-152Z	C CAPACITOR	1500pF 500V K	R433	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J
C941	QCB32HK-102Z	C CAPACITOR	1000pF 500V K	R434	QRL029J-181	OMF RESISTOR	180Ω 2W J
C942	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	R435	QRE121J-102Y	C RESISTOR	1kΩ 1/2W J
C943	QETN1CM-108Z	E CAPACITOR	1000uF 16V M	R441	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C951	QETN1EM-477Z	E CAPACITOR	470uF 25V M	R501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C952	QETN1CM-227Z	E CAPACITOR	220uF 16V M	R502	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J
C971	QETN1CM-107Z	E CAPACITOR	100uF 16V M	R503	QRE121J-103Y	C RESISTOR	10kΩ 1/2W J
C972	QETN1EM-476Z	E CAPACITOR	47uF 25V M	R504	QRL039J-122	OMF RESISTOR	1.2kΩ 3W J
△C997	QCZ9079-102	C CAPACITOR	1000pF AC250V M	R505	QRL039J-122	OMF RESISTOR	1.2kΩ 3W J
△C998	QCZ9074-103	C CAPACITOR	0.01uF AC250V M	R511	QRE121J-220Y	C RESISTOR	22Ω 1/2W J
△C999	QCZ9074-103	C CAPACITOR	0.01uF AC250V M	R512	QRE121J-681Y	C RESISTOR	680Ω 1/2W J
				R516	QRZ0221-2R0	OMF RESISTOR	2Ω 7W K
R003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R524	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R004	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R526	QRE121J-272Y	C RESISTOR	2.7kΩ 1/2W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R527	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J	R953	QRE121J-820Y	C RESISTOR	82Ω 1/2W J
R528	QRE121J-154Y	C RESISTOR	150kΩ 1/2W J	R972	NRVA02D-102X	CMF RESISTOR	1kΩ 1/10W D
R529	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R973	NRVA02D-272X	CMF RESISTOR	2.7kΩ 1/10W D
△R531	QRJ146J-391X	UNF C RESISTOR	390Ω 1/4W J	R975	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J
R532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	R977	QRE121J-473Y	C RESISTOR	47kΩ 1/2W J
R533	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	R978	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R534	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J	△R998	QRZ9041-275	C RESISTOR	2.7MΩ 1/2W K
△R535	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	R999	QRE121J-121Y	C RESISTOR	120Ω 1/2W J
R536	QRE121J-470Y	C RESISTOR	47Ω 1/2W J	L001	QQL244K-560Z	PEAKING COIL	56uH K
△R537	NRSA63D-752X	MG RESISTOR	7.5kΩ 1/16W D	L101	QQLZ014-R39	COIL	0.39uH 100mA L
R538	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	L131	QQL29BJ-220Z	P COIL	0.65Ω 22uH J
R543	QRE121J-122Y	C RESISTOR	1.2kΩ 1/2W J	L161	QQL29BJ-220Z	P COIL	0.65Ω 22uH J
R544	QRE121J-392Y	C RESISTOR	3.9kΩ 1/2W J	L232	QQL244K-560Z	PEAKING COIL	56uH K
R545	QRE121J-153Y	C RESISTOR	15kΩ 1/2W J	L241	QQL244K-220Z	PEAKING COIL	22uH K
R546	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	L391	QQL244K-220Z	PEAKING COIL	22uH K
R547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	L511	QQR1027-003	LINEARITY COIL	
R548	QRE121J-152Y	C RESISTOR	1.5kΩ 1/2W J	L512	QQLZ036-821	COIL	820uH K
R553	QRL039J-100	OMF RESISTOR	10Ω 3W J	L521	QQLZ026-410	COIL	41uH ±7%
△R554	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	L701	QQL244K-220Z	PEAKING COIL	22uH K
R555	QRX029J-3R3	MF RESISTOR	3.3Ω 2W J	L702	QQL244K-220Z	PEAKING COIL	22uH K
R601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	L703	QQL244K-220Z	PEAKING COIL	22uH K
R602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	L704	QQL244K-220Z	PEAKING COIL	22uH K
R603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	L705	QQL244K-220Z	PEAKING COIL	22uH K
R621	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L931	QQL26AK-470Z	CHOKE COIL	47uH K
R623	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	L933	QQL26AK-470Z	CHOKE COIL	47uH K
R624	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	L937	QQL26AK-470Z	CHOKE COIL	47uH K
R626	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	L940	QQR0582-001Z	FERRITE BEADS	
R627	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	T111	QQR0907-001	I F T	
R628	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	T501	QQR1414-001	DRIVE TRANSF	
R630	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	△T921	QQS0152-001	SW TRANSF	
R631	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	△T951	QQT0355-001	POWER TRANSF	
R649	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	CF001	QAX0349-001	C TRAP	47.25MHz
R651	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	CF131	QAX0639-001Z	C TRAP	4.500MHz
R652	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	CF161	QAX0642-001Z	C FILTER	4.500MHz
R653	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	CN001	QGB1505J1-35	CONNECTOR	B-B (1-35)
R655	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	CN0E1	CE41507-001P	LV CONNECTOR	
R657	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	△CP932	ICP-N70-T	IC PROTECTOR	2.5A
R659	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	△CP933	ICP-N70-T	IC PROTECTOR	2.5A
R680	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	△CP936	ICP-N70-T	IC PROTECTOR	2.5A
R700	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△F901	QMF51N1-5R0-J5	FUSE	5A AC125V
R701	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	△F905	QMFZ049-5R0Z-E	FUSE	5A 125V
R702	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△FR525	QRZ9017-4R7	FUSI RESISTOR	4.7Ω 1/4W J
R704	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	HS001	LC32600-001A	HEAT SINK	
R705	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	HS002	LC31678-002A	HEAT SINK/AL-F	
R706	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	HS003	LC32111-002A	HEAT SINK/AL-F	
R707	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	HS004	CEHE015-001WU	HEAT SINK	
R708	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	HS005	CM42862-00G-H	HEAT SINK ASSY	
R709	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	HS007	CEHT11B-002QS	HEAT SINK	
R718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	J601	QNN0349-002	PIN JACK	COMP IN
R721	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	K101	QQR0582-001Z	FERRITE BEADS	
R729	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	K401	QQR0621-002Z	FERRITE BEADS	
R731	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	K912	QQR0582-001Z	FERRITE BEADS	
R732	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	K916	QQR0582-001Z	FERRITE BEADS	
R733	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	K917	QQR0582-001Z	FERRITE BEADS	
R734	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	K918	QQR0582-001Z	FERRITE BEADS	
R739	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	K931	QQR0582-001Z	FERRITE BEADS	
R740	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	K932	QQR0582-001Z	FERRITE BEADS	
R764	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	K933	QQR0621-002Z	FERRITE BEADS	
R765	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	K935	QQR0582-001Z	FERRITE BEADS	
R766	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	K937	QQR0582-001Z	FERRITE BEADS	
R767	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	LC601	QQR1459-001	EMI F. COIL	
R769	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	LC602	QQR1459-001	EMI F. COIL	
R772	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	LC603	QQR1459-001	EMI F. COIL	
R816	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J	△LF901	QQR0527-003	LINE FILTER	
R821	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	△PC921	PC123Y22	PHOTO COUPLER	
R827	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	△RY951	QSK0086-001	RELAY	
R839	NRSA63J-225X	MG RESISTOR	2.2MΩ 1/16W J	S421	QSL4A13-C02	LEVER SWITCH	V.CENTER
R857	QRL029J-470	OMF RESISTOR	47Ω 2W J	SF101	QAX0723-001	SAW FILTER	
R858	QRL029J-820	OMF RESISTOR	82Ω 2W J	△TH901	QAD0132-3R0	W-PIC	3Ω
R901	QRF074K-R47	UNF WW RESISTOR	0.47Ω 7W K	△TU001	QAU0305-001	TUNER	
R909	QRG01GJ-470	OMF RESISTOR	47Ω 1W J	△VA901	ERZV10V621CS	ZNR	
R911	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J	X701	QAX0767-001Z	CRYSTAL	8MHz
R912	QRT029J-R22	MF RESISTOR	0.22Ω 2W J				
R913	QRT029J-R22	MF RESISTOR	0.22Ω 2W J				
△R914	QRK126J-681X	UNF C RESISTOR	680Ω 1/2W J				
△R915	QRK129J-6R8	UNF C RESISTOR	6.8Ω 1/2W J				
△R917	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J				
R918	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J				
R919	QRE121J-684Y	C RESISTOR	680kΩ 1/2W J				
R924	QRE121J-222Y	C RESISTOR	2.2kΩ 1/2W J				
R930	QRE121J-223Y	C RESISTOR	22kΩ 1/2W J				
R940	QRE121J-181Y	C RESISTOR	180Ω 1/2W J				
R941	QRL029J-183	OMF RESISTOR	18kΩ 2W J				
R950	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R951	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J				
R952	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				

CRT SOCKET P.W. BOARD ASS'Y (SGE-3507A-M2)

REFER TO PARTS LIST IN PAGE 3-8 FOR THIS P.W. BOARD.

AV SELECTOR P.W. BOARD ASS'Y (SGE-5503A-M2)

REFER TO PARTS LIST IN PAGE 3-9 FOR THIS P.W. BOARD.

FRONT TERMINAL P.W. BOARD ASS'Y (SGE-6503A-M2)

REFER TO PARTS LIST IN PAGE 3-10 FOR THIS P.W. BOARD.

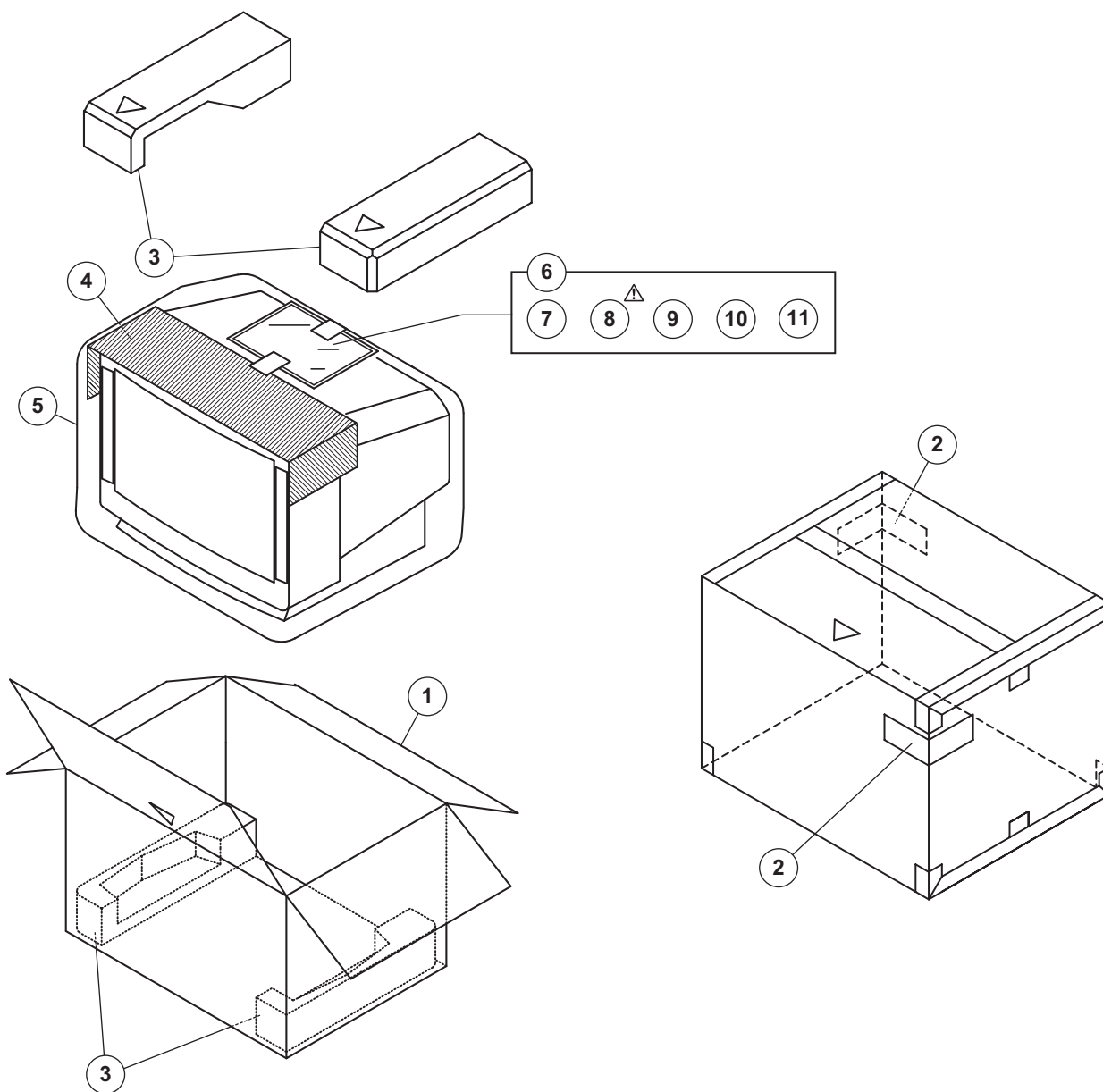
FRONT CONTROL P.W. BOARD ASS'Y (SGE-7503A-M2)

REFER TO PARTS LIST IN PAGE 3-11 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C1259G-1H)

 Ref No.	Part No.	Part Name	Description	Local
	UR77EC0603B	BATTERY COVER		

PACKING



PACKING PARTS LIST

△ Ref.No.	Part No.	Part Name	Description	Local
1	LC10181-009C-A	PACKING CASE		
2	CM36616-001-A	CORNER LABEL	2pcs in 1set	
3	LC10365-002B-A	CUSHION ASSY	4pcs in 1set	
4	CP30055-A02-A	TOP COVER		
5	CP30056-A04-A	POLY BAG		
6	QPA02503505	POLY BAG	25cm x 35cm	
7	RM-C1259G-1H	REMOCON		
△ 8	LCT1555-001A-A	INST BOOK	English/French	
9		BATTERY	R6P/AA(x2)	
10	BT-51034-1Q	REGIST. CARD		
11	BT-52006-2Q	WARRANTY CARD		

JVC

SCHEMATIC DIAGRAMS

COLOR TELEVISION

AV-32D305 /R,
AV-32D305 /Y

CD-ROM No.SML200405

BASIC CHASSIS
GE4



D-SERIES
BBE

AV-32D305/R, AV-32D305/Y

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the $\triangle$ symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H $\Rightarrow$ 20 μ s / div
: V $\Rightarrow$ 5ms / div
: Others $\Rightarrow$ Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 $\rightarrow$ R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

- Resistance value

No unit	: [Ω]
K	: [k Ω]
M	: [M Ω]

- Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

- Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflamable resistor
FR	: Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

- Capacitance value

1 or higher	: [pF]
less than 1	: [μ F]

- Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

- Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

No unit	: [μ H]
Others	: As specified

(4)Power Supply

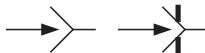
	: B1		: B2 (12V)
	: 9V		: 5V

* Respective voltage values are indicated

(5)Test point

	: Test point		: Only test point display
---	--------------	---	---------------------------

(6)Connecting method

	: Connector		: Wrapping or soldering
	: Receptacle		

(7)Ground symbol

	: LIVE side ground
	: ISOLATED(NEUTRAL) side ground
	: EARTH ground
	: DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : ($\perp$) side GND and the ISOLATED(NEUTRAL) : (⏏) side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

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USING P.W. BOARD

PWB ASS'Y name	AV-32D305/R	AV-32D305/Y
MAIN P.W. BOARD	SGE-1522A-M2	SGE-1521A-M2
AV SELECTOR P.W. BOARD	SGE-5503A-M2	←
CRT SOCKET P.W. BOARD	SGE-3507A-M2	←
FRONT CONTROL P.W. BOARD	SGE-7503A-M2	←
FRONT TERMINAL P.W. BOARD	SGE-6503A-M2	←

SEMICONDUCTOR SHAPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

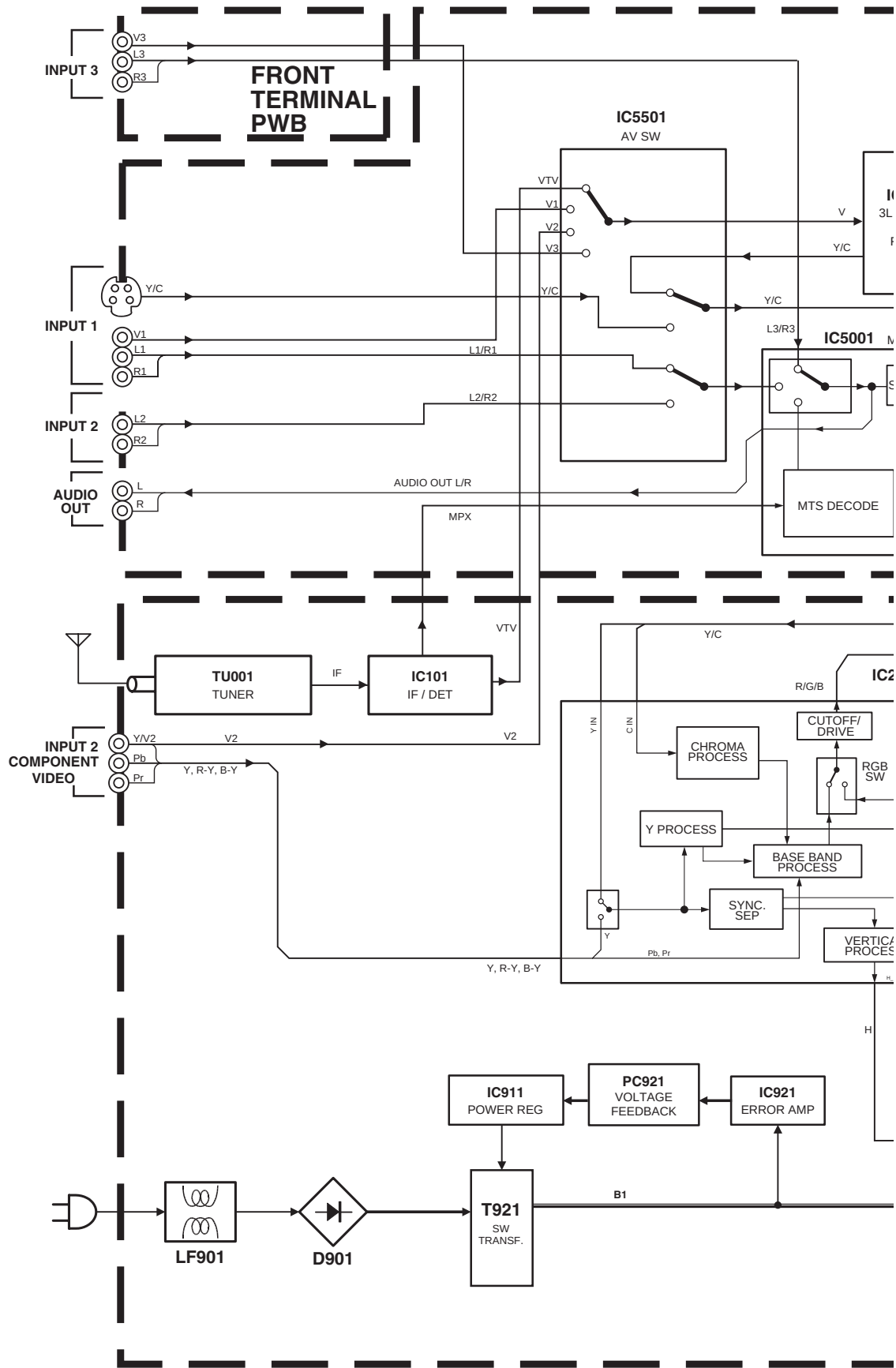
IC

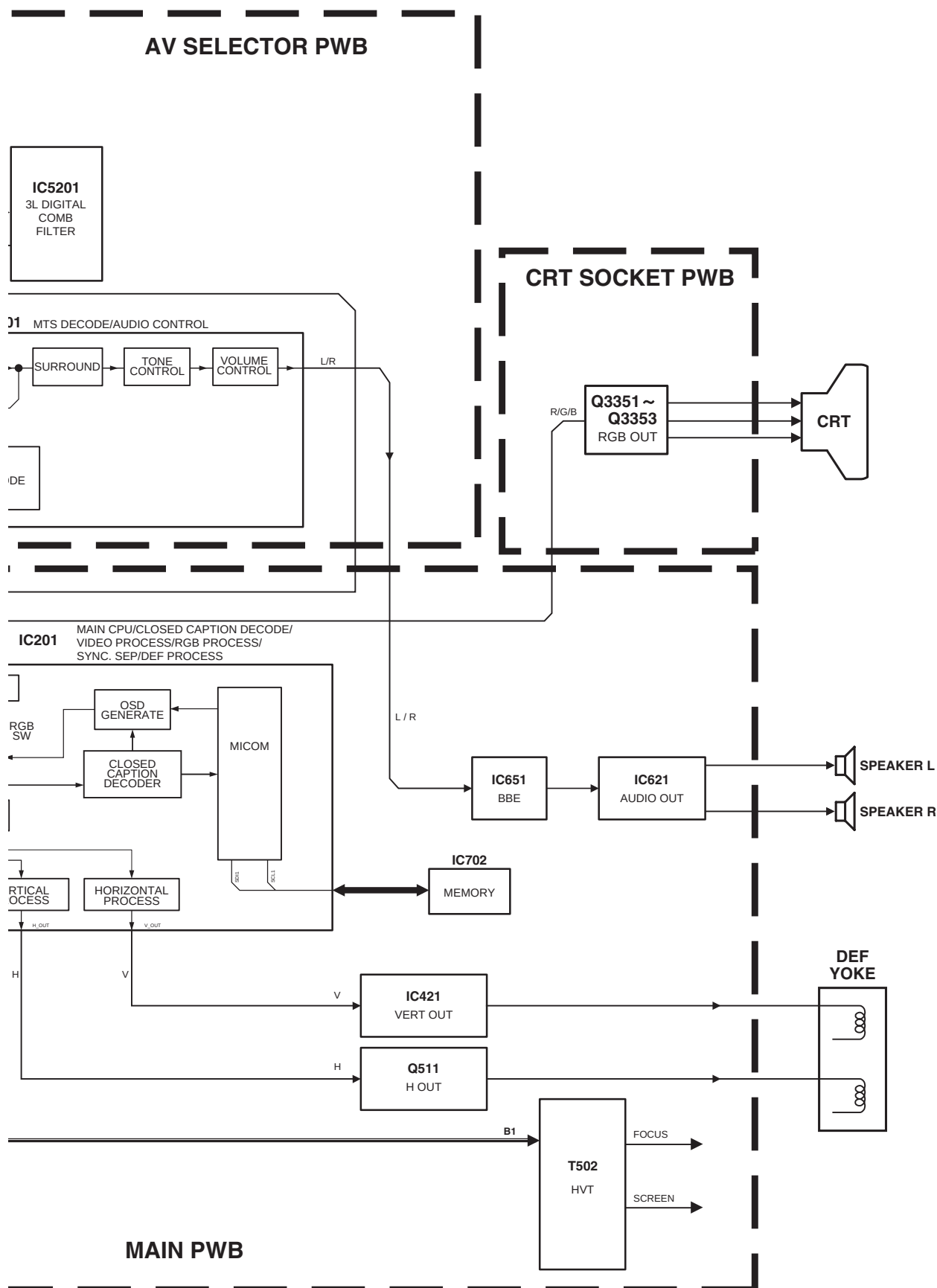
BOTTOM VIEW	FRONT VIEW			TOP VIEW

CHIP IC

TOP VIEW		

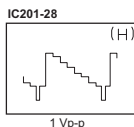
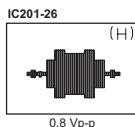
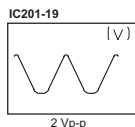
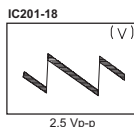
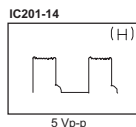
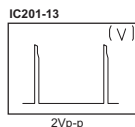
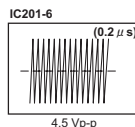
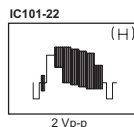
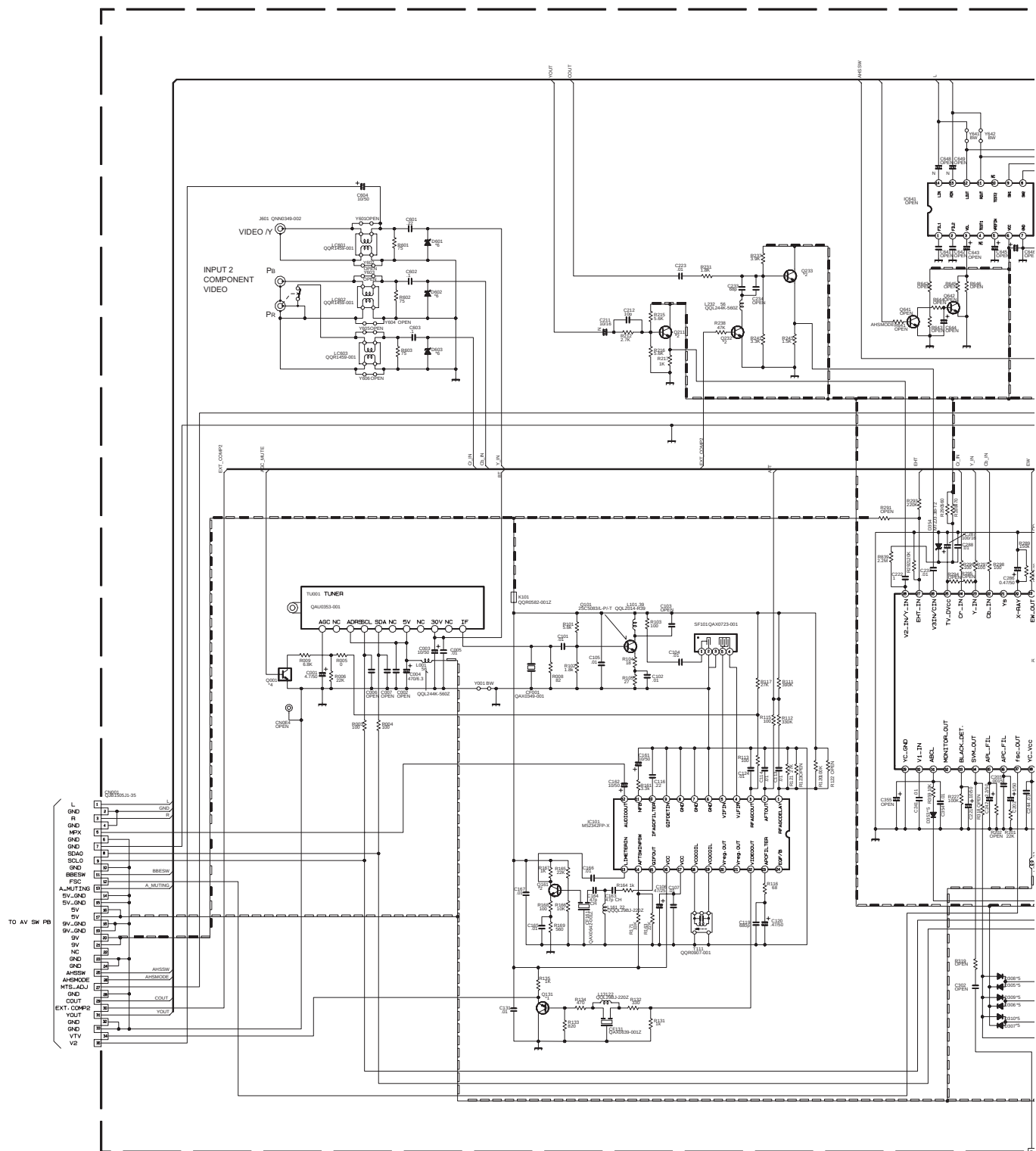
BLOCK DIAGRAM

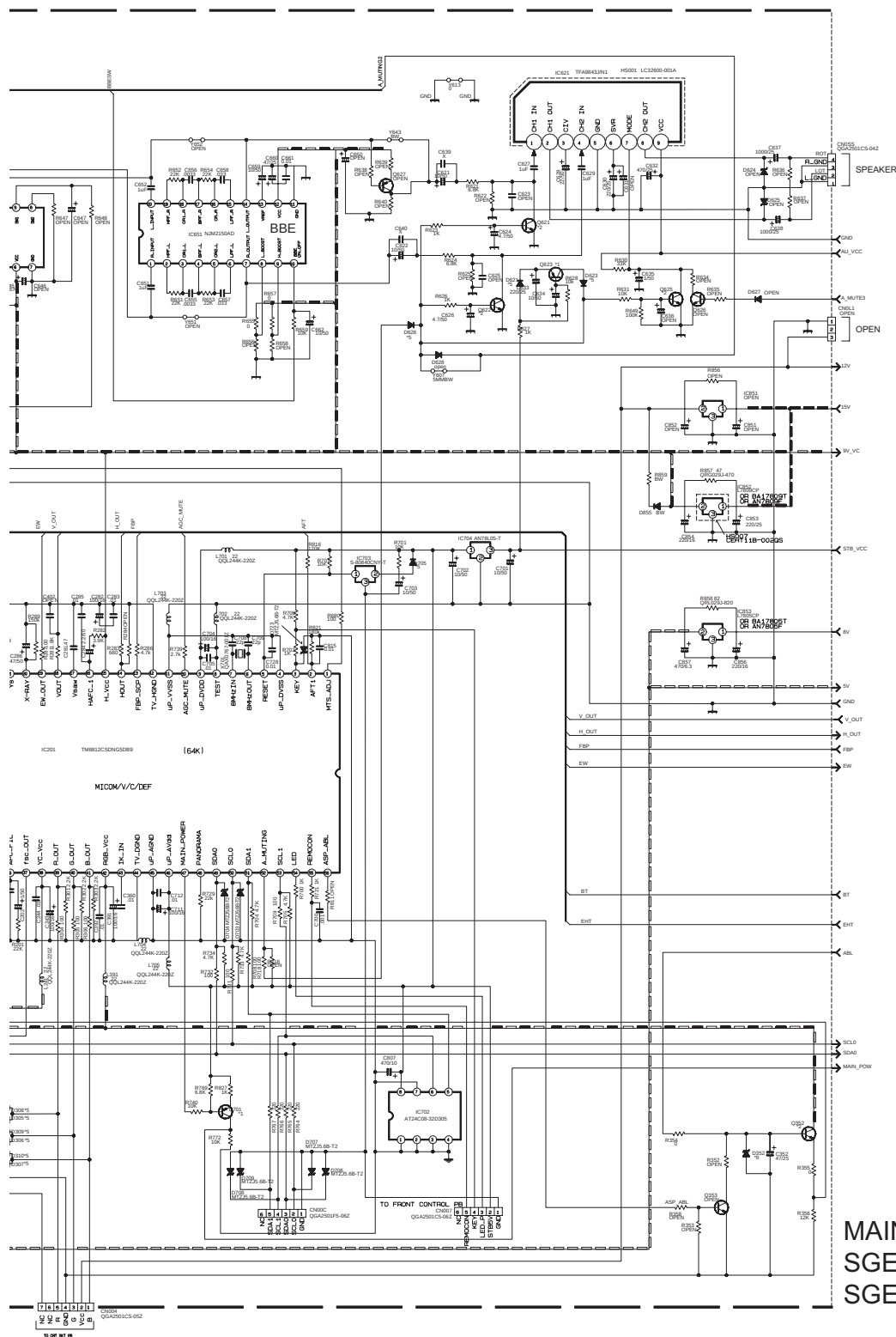




CIRCUIT DIAGRAMS

MAIN PWB CIRCUIT DIAGRAM (1/2) SHEET1



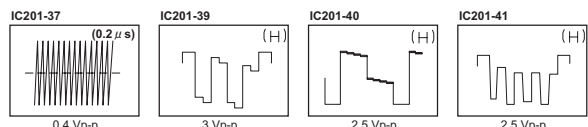


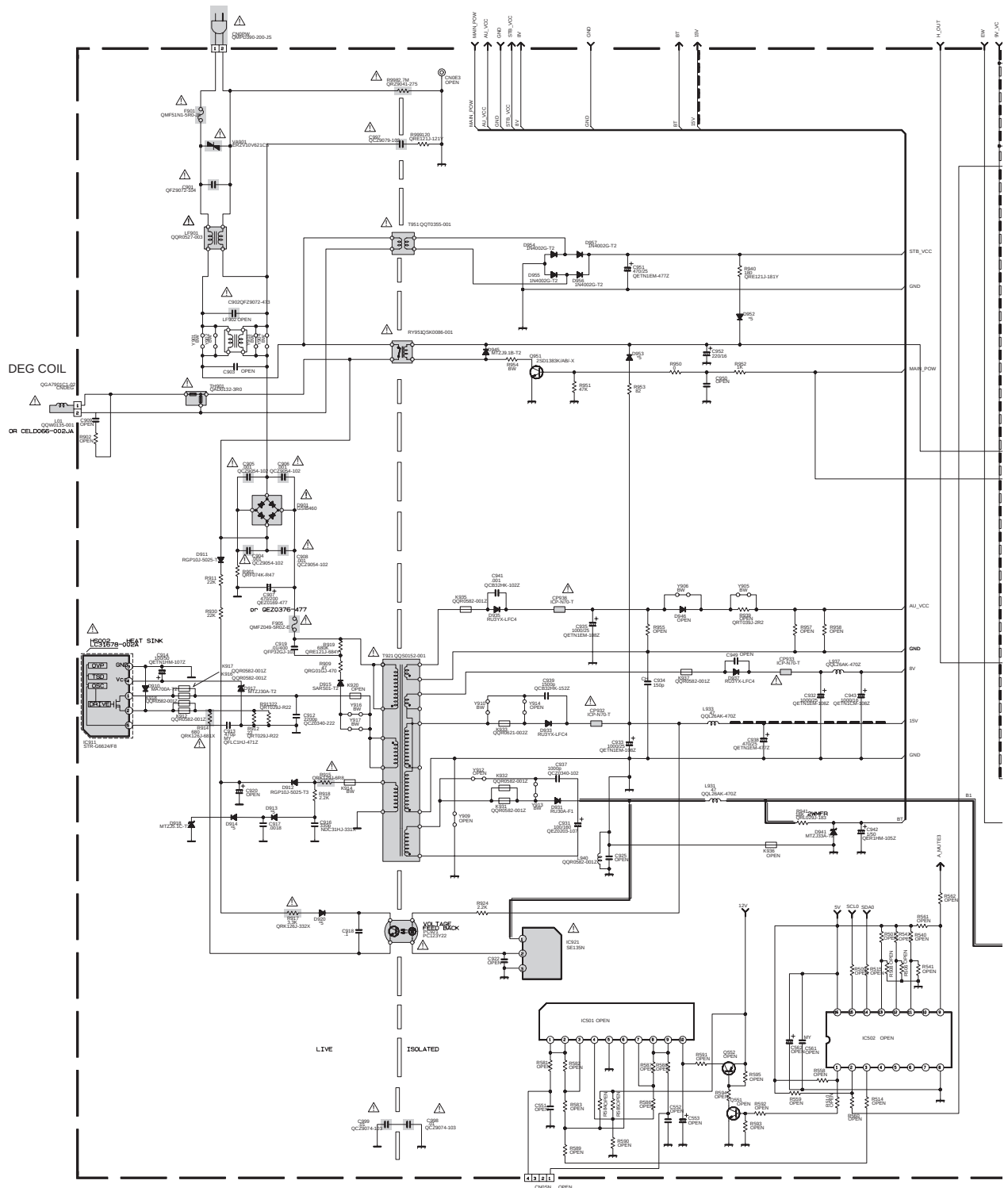
MAIN PWB ASS'Y (1/2) SGE-1521A-M2: AV-32D305/Y SGE-1522A-M2: AV-32D305/R

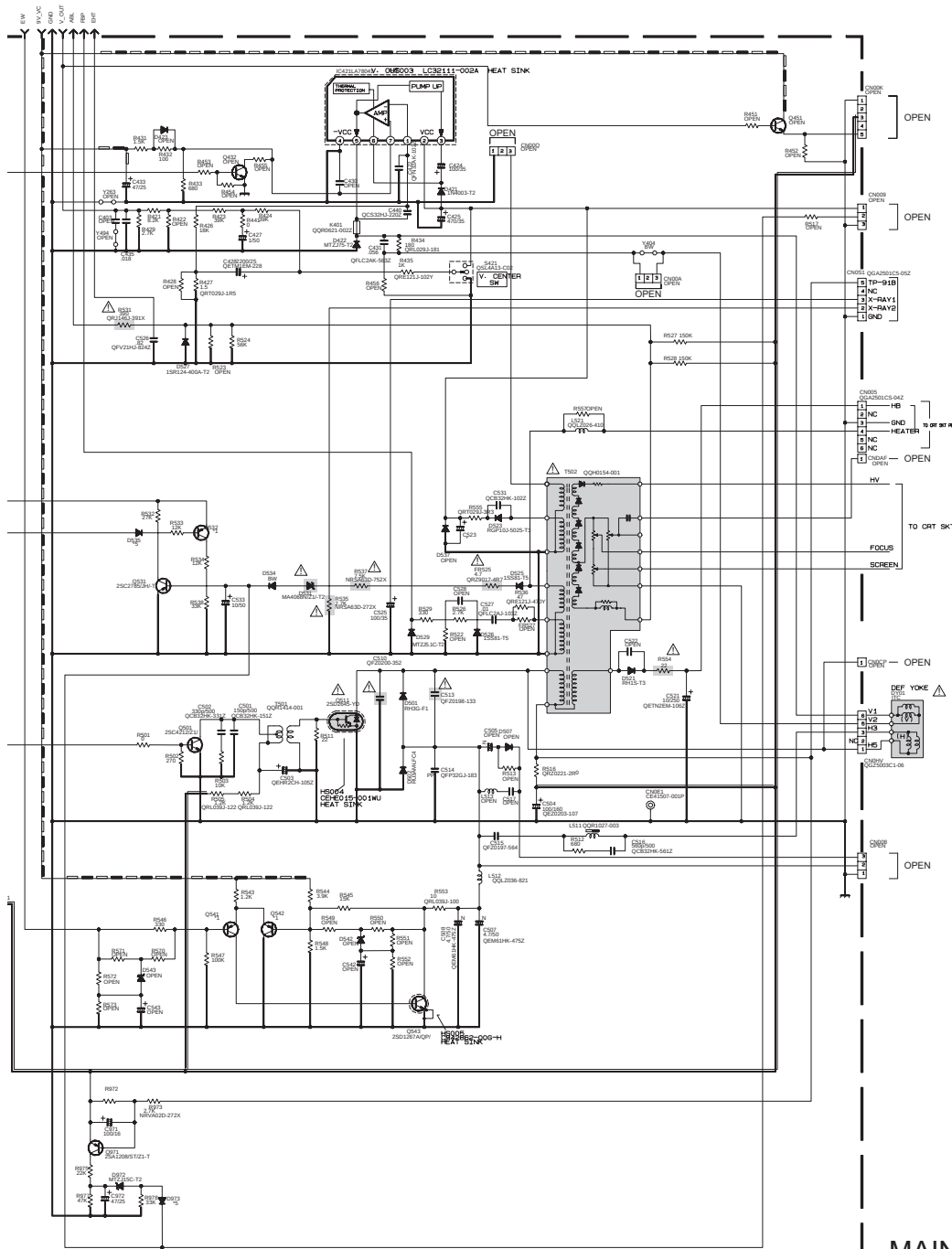
NOTE

11 - CHIP PNP TP	25A555A/56V-X	DR	25B705A/56V-X	DR	25B705A/56V-X	DR	25B705A/56V-X
12 - CHIP PNP TP	25A555A/56V-X	DR	25B705A/56V-X	DR	25B705A/56V-X	DR	25B705A/56V-X
13 - CHIP PNP D-TP	DT12465A-X	DR	DT12465A-X	DR	DT12465A-X	DR	DT12465A-X
14 - CHIP PNP D-TP	DT12465A-X	DR	DT12465A-X	DR	DT12465A-X	DR	DT12465A-X
15 - SI DIODE	10S130-T2	DR	10S130-T2	DR	10S130-T2	DR	10S130-T2
16 - ZENER DIODE	MTZL6.8A-T2	DR	MTZL6.8A-T2	DR	MTZL6.8A-T2	DR	MTZL6.8A-T2
17 - ZENER DIODE	MTZL6.8A-T2	DR	MTZL6.8A-T2	DR	MTZL6.8A-T2	DR	MTZL6.8A-T2
18 - SI DIODE	10S130-T2	DR	10S130-T2	DR	10S130-T2	DR	10S130-T2
19 - SI DIODE	10S130-T2	DR	10S130-T2	DR	10S130-T2	DR	10S130-T2
20 - PNP TE	25A555A/56V-X	DR	25A555A/56V-X	DR	25A555A/56V-X	DR	25A555A/56V-X
21 - SI DIODE	10S130-T2	DR	10S130-T2	DR	10S130-T2	DR	10S130-T2

MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
IC 101		51	4.8	IC 853	
1	2	52	0	1	7.9
2	2.5	53	4.7	2	4.9
3	3.9	54	0	3	0
4	1.4	55	4.9	Q 001	
5	1.4	56	0	E	0
6	0	IC 621		C	3.9
7	0	1	3.1	B	0
8	0	2	10	Q 101	
9	0	3	3.1	E	1
10	4.2	4	3.1	C	8.8
11	2.5	5	0	B	1.7
12	4.2	6	11.4	Q 131	
13	2.1	7	19.3	E	2.2
14	3.5	8	10	C	0
15	2.1	9	19.8	B	1.6
16	8.8	IC 641		Q 161	
17	8.8	1	4.4	E	2
18	3.9	2	4.4	C	5.7
19	3.9	3	4.4	B	2.7
20	4.8	4	4.4	Q 211	
21	4.8	5	4.4	E	3.7
22	3.3	6	8.8	C	8.8
23	3.3	7	0	B	0
24	2.1	8	0	Q 232	
IC 201		9	0.1	E	0
1	0	10	4.4	C	0.9
2	1.5	11	4.4	B	0.1
3	4.7	12	4.4	Q 233	
4	0	13	4.4	E	3.3
5	5	14	4.4	C	8.8
6	2.2	IC 651		B	4
7	2	1	4.4	Q 352	
8	0	2	4.4	E	8.1
9	5	3	4.4	C	8.8
10	0	4	4.4	B	9
11	0	5	4.4	Q 353	
12	0	6	4.4	E	0
13	1.1	7	4.4	C	9
14	1.9	8	8.8	B	0
15	8.8	9	8.8	Q 623	
16	6.3	10	1.6	E	10.3
17	3.5	11	0	C	-0.9
18	4.2	12	8.8	B	10.4
19	4.5	13	4.4	Q 625	
20	0	14	4.4	E	0
21	0	15	4.4	C	19.3
22	2.1	16	4.4	B	0
23	2.3	17	4.4	Q 641	
24	2.1	18	4.4	E	0
25	3.5	19	4.4	C	1.3
26	2.2	20	4.4	B	0.1
27	3.5	IC 702		Q 642	
28	2.4	1	0	E	0
29	0	2	0	C	0
30	2.2	3	0	B	0.7
31	6.1	4	0	Q 701	
32	0	5	4.8	E	3.7
33	1.9	6	4.7	C	2.4
34	3.5	7	0	B	3
35	1.7	8	5	TU 001	
36	2.7	IC 703		1	3.9
37	2.8	1	0	2	0
38	4.8	2	5	3	4.8
39	2	3	5	4	3.7
40	1.9	IC 851		5	3.9
41	1.9	1	15.5	6	4.7
42	8.8	2	11.9	7	4.8
43	4.3	3	0	8	0
44	0	IC 852		9	31.4
45	0	1	15.6	10	0
46	5	2	8.8	11	0
47	0	3	0		
48	0				
49	3.9				
50	3.7				



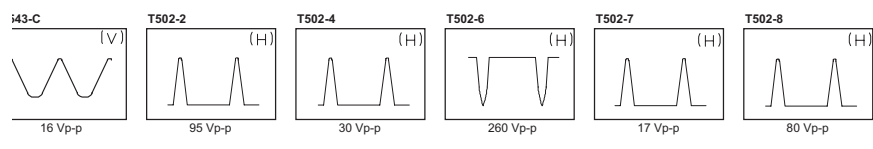




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2	27.9
3	2.3
4	0
5	14.6
6	28.2
7	2.6
IC 911	
1	126
2	0.1
3	0
4	18.4
5	1.7
IC 921	
1	14.5
2	13.3
3	0
Q 501	
E	0
C	59.2
B	0.4
Q 511	
E	0
C	-0.1
B	133
Q 531	
E	0
C	9.9
B	0
Q 532	
E	9.9
C	0
B	9.8
Q 541	
E	5
C	0.5
B	4.4
Q 542	
E	5
C	0
B	4.4
Q 543	
E	0
C	19.3
B	0.6
Q 961	
E	0
C	0.6
B	1.3
Q 971	
E	134.4
C	0.1
B	134.1
PC 921	
1	14
2	13
3	1.7
4	16.6

AV-32D305A	AV-32D305R
IC 421	IC 421
IC 911	IC 911
IC 921	IC 921
Q 501	Q 501
Q 511	Q 511
Q 531	Q 531
Q 532	Q 532
Q 541	Q 541
Q 542	Q 542
Q 543	Q 543
Q 961	Q 961
Q 971	Q 971
PC 921	PC 921

MAIN PWB ASS'Y (2/2)
 SGE-1521A-M2: AV-32D305/Y
 SGE-1522A-M2: AV-32D305/R



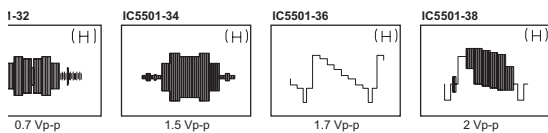
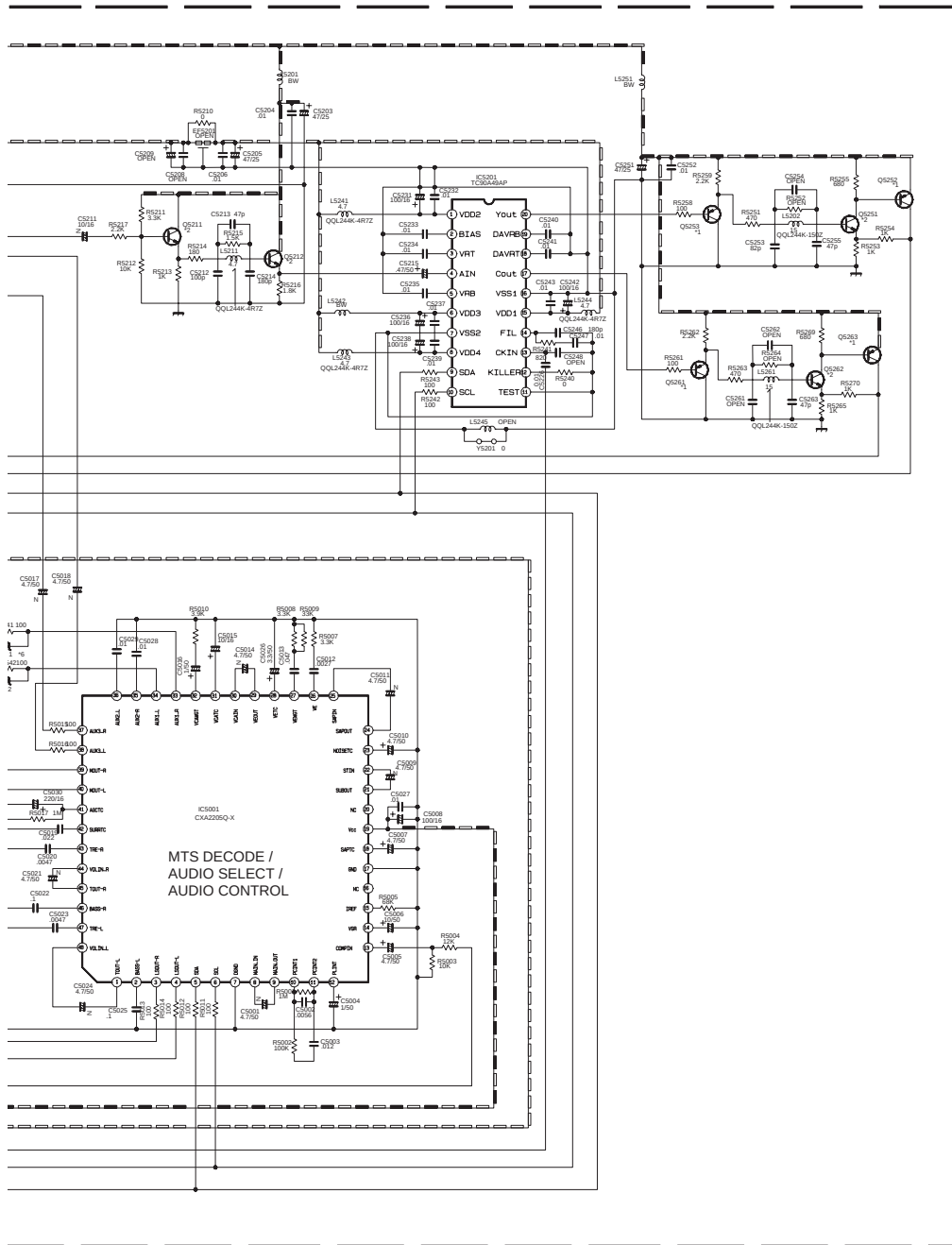
NOTE	
1 - CHIP PNP T1	2N4339A/GV-X
2 - CHIP PNP T1	2N4339A/GV-X
3 - CHIP PNP D-1P	DTA147A-X
4 - CHIP PNP D-1P	DTA147A-X
5 - DI ZENER	1N4733A
6 - ZENER ZENER	MTZL6-10
7 - ZENER ZENER	MTZL6-10
8 - DI ZENER	1N4733A
9 - DI ZENER	1N4733A
10 - PNP T1	2N4339A/GV-X
11 - DI ZENER	1N4733A

2-9



Figure 10 displays six example waveforms for various IC5201 and IC5501 models, each labeled with its model number and a peak-to-peak voltage (Vp-p) value. The waveforms are labeled (H) and show different pulse shapes.

- IC5201-4:** 1 Vp-p
- IC5201-17:** 0.5 Vp-p
- IC5201-20:** 1.6 Vp-p
- IC5501-10:** 1 Vp-p
- IC5501-30:** 2 Vp-p
- IC5501-32:** 0.7 Vp



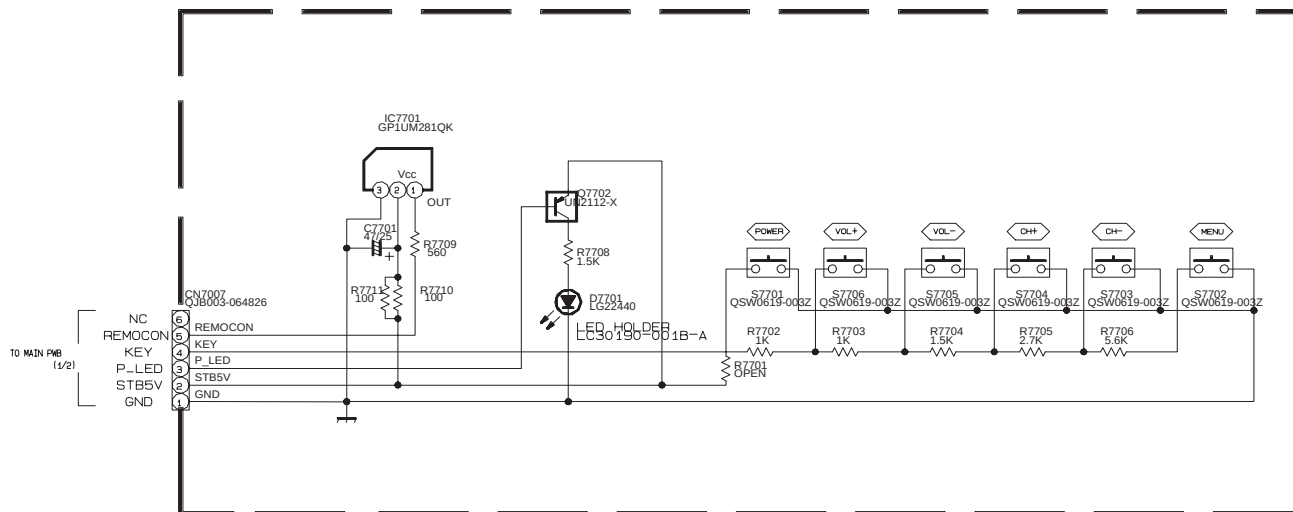
AV SELECTOR PWB ASS'Y
SGE-5503A-M2

MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
IC 5001		40	3.8
1	4	41	8.2
2	4.1	42	4.3
3	4	IC 5201	
4	4	1	4.5
5	3.9	2	1.3
6	3.7	3	3.1
7	0	4	2.3
8	4	5	1.8
9	4	6	4.9
10	4	7	0
11	3.9	8	4.9
12	5.1	9	3.9
13	4	10	3.7
14	1.2	11	0
15	0	12	0
16	0	13	2.5
17	0	14	1.8
18	3	15	4.9
19	8.8	16	0
20	0	17	2.3
21	0	18	3.1
22	4	19	1.8
23	4.1	20	2.3
24	3.8	Q 5001	
25	4	E	4.7
26	3.9	C	0
27	4	B	4
28	1.7	Q 5002	
29	4	E	4.7
30	4	C	0
31	1.6	B	4
32	4	Q 5211	
33	4	E	5.9
34	4	C	8.8
35	4	B	6.6
36	4	Q 5212	
37	4	E	5.2
38	4	C	8.8
39	4	B	5.9
40	4	Q 5251	
41	0.6	E	2.4
42	4	C	8.1
43	0	B	3
44	4	Q 5252	
45	4	E	8.8
46	0	C	3.9
47	4	B	8.1
48	4	Q 5253	
IC 5501		E	3
1	3.8	C	0
2	3.8	B	2.3
3	6.4	Q 5261	
4	3.6	E	3
5	5.1	C	0
6	5.1	B	2.3
7	5.1	Q 5262	
8	5.1	E	2.4
9	5.1	C	8.1
10	5.1	B	3
11	5.1	Q 5263	
12	5.1	E	8.8
13	5.1	C	3.9
14	1.7	B	8.1
15	5.1	Q 5384	
16	5.1	E	0
17	5.1	C	0
18	1.7	B	0
19	0.1	Q 5385	
20	0.1	E	0
21	0	C	0
22	0.1	B	0
23	0	Q 5386	
24	3.7	E	0
25	3.9	C	0
26	0.7	B	0
27	0	Q 5387	
28	5.1	E	0
29	5.1	C	0
30	5.1	B	0
31	5.1	Q 5370	
32	5	E	8.8
33	8.8	C	0
34	3.6	B	8.2
35	3.8	Q 5501	
36	3.6	E	8.8
37	3.8	C	1.7
38	4.3	B	8.8
39	3.8		



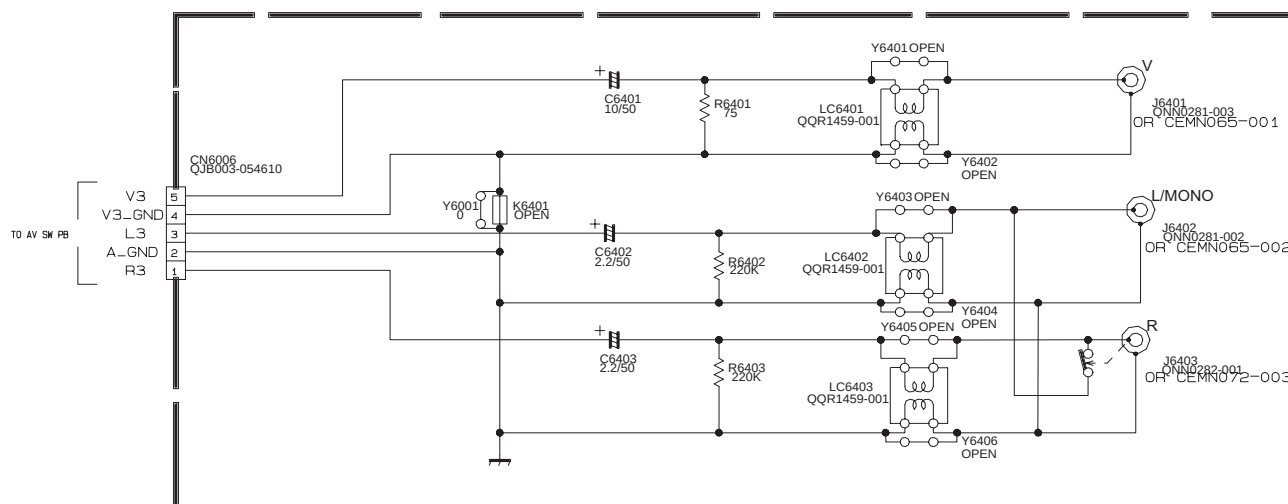
CRT SOCKET PWB ASS'Y
SGE-3507A-M2

FRONT CONTROL PWB CIRCUIT DIAGRAM SHEET 4



FRONT CONTROL PWB
SGE-7503A-M2

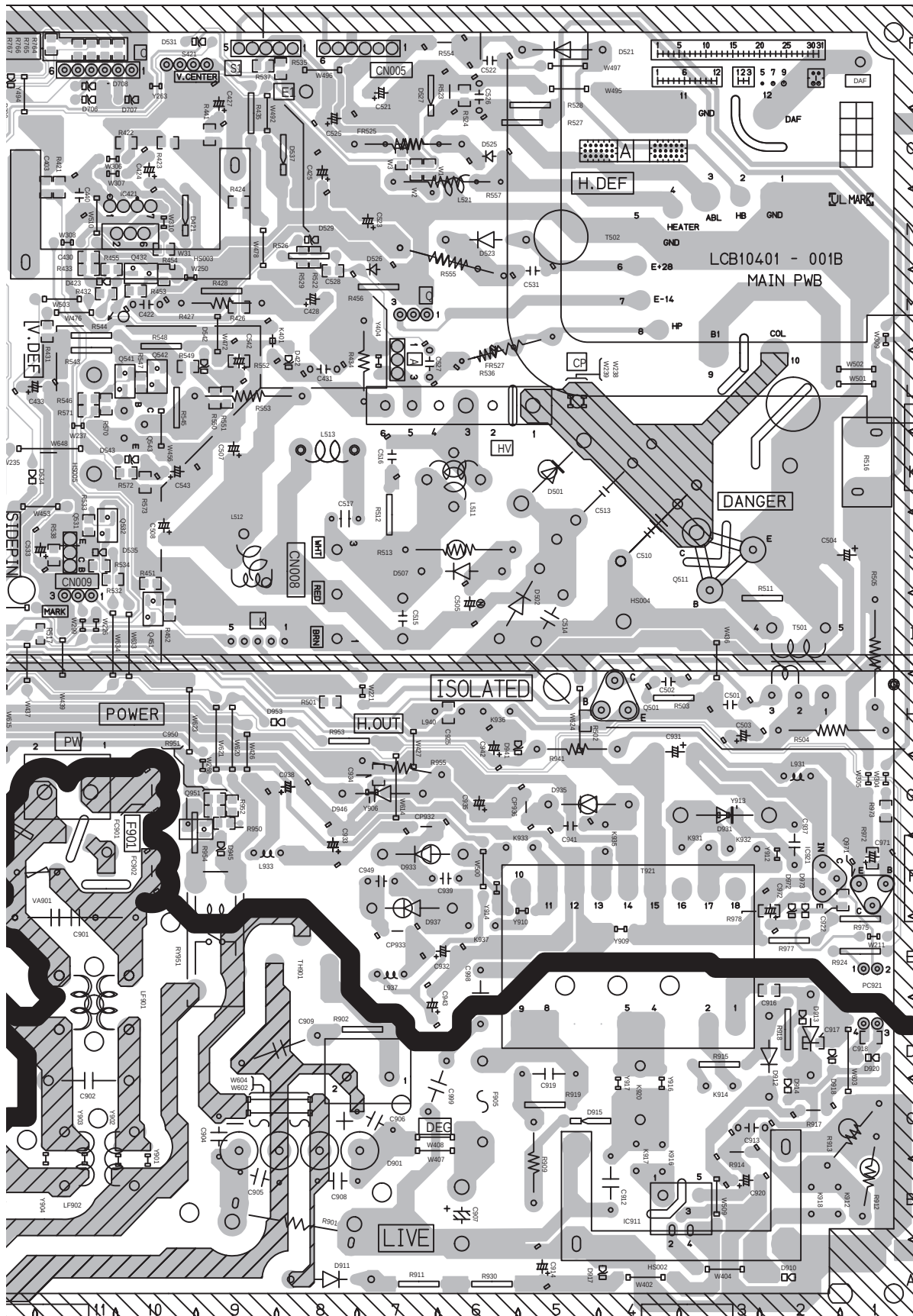
FRONT TERMINAL PWB CIRCUIT DIAGRAM SHEET 4



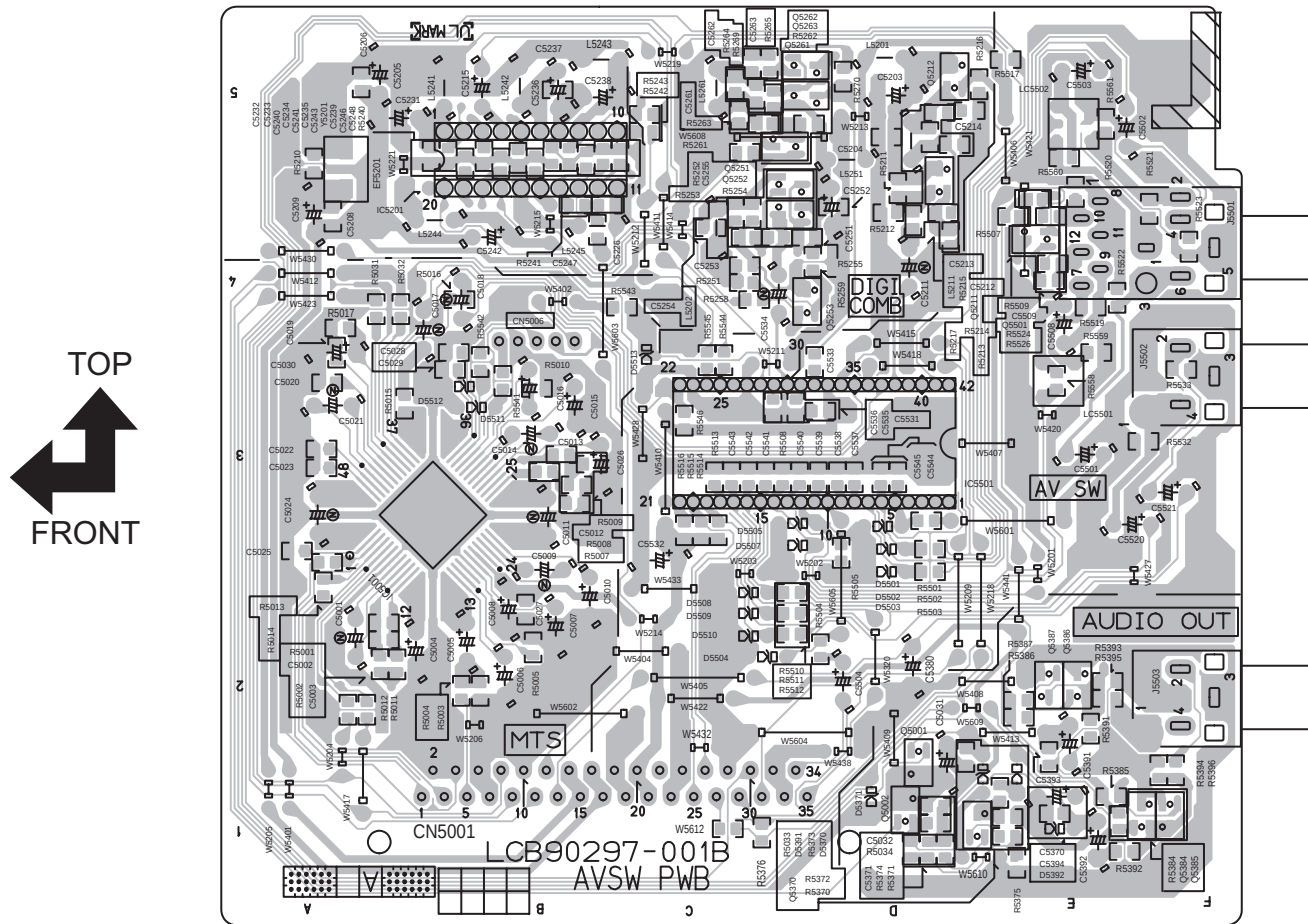
FRONT TERMINAL PWB
SGE-6503A-M2

MAIN PWB PATTERN

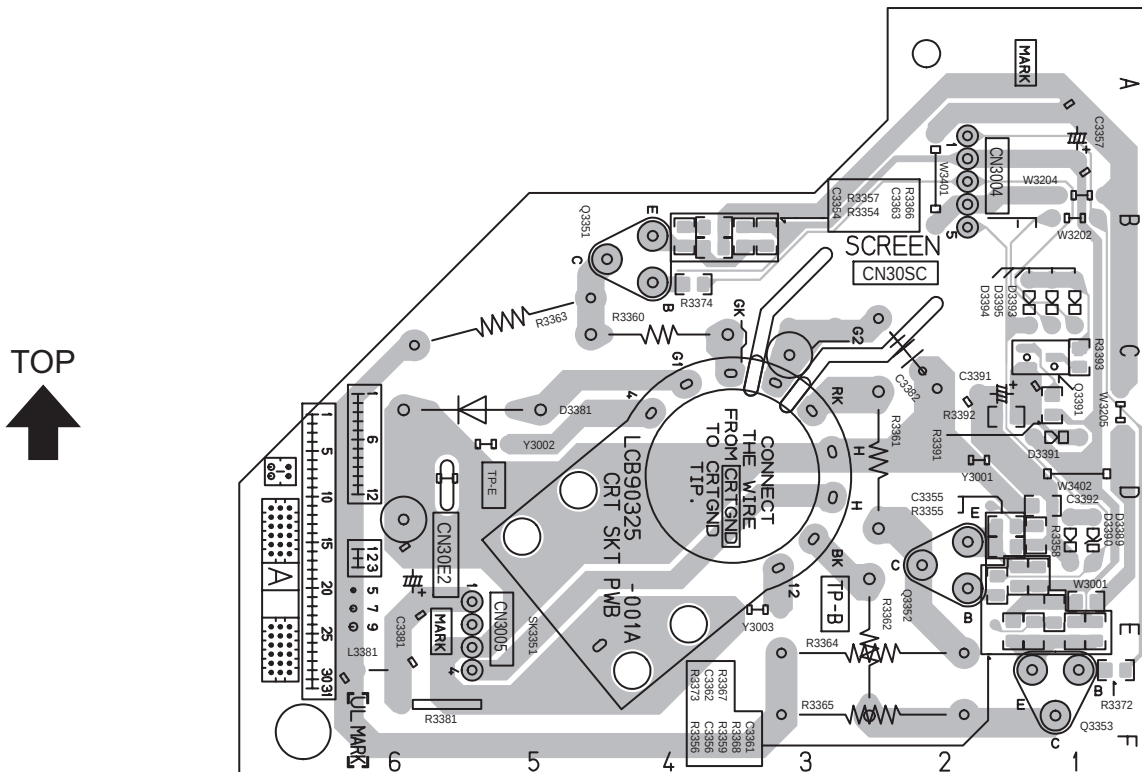




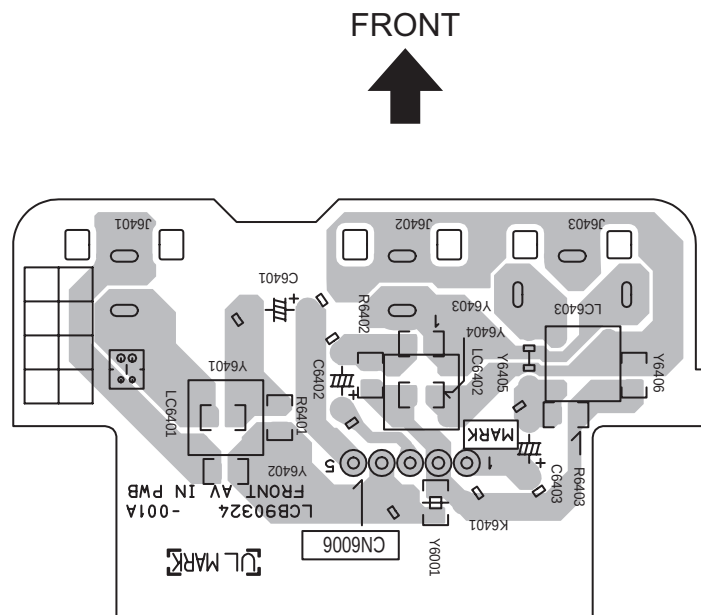
AV SELECTOR PWB PATTERN



CRT SOCKET PWB PATTERN



FRONT TERMINAL PWB PATTERN



CHANNEL CHART (US)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		II
			08		
			09		
			10		
			11		
			12		
			13		
×	○	MID	A	14	I
			B	15	
			C	16	
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
		SUPER	J	23	II
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
			P	29	
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		HYPER	W+1	37	IV
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	
			W+30	66	
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
			W+70	111	
		W+71	112		
		W+72	113		
		W+73	114		
		W+74	115		
		W+75	116		
		W+76	117		
		W+77	118		
		W+78	119		
		W+79	120		
		W+80	121		
		W+81	122		
		W+82	123		
W+83	124				
W+84	125				
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	
			A-2	98	
			A-1	99	
○	×	UHF	14 } 69		IV
TOTAL 180CH { VHF 124CH { UHF 56CH					
NOTE: TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES. SPECIAL ADAPTERS MAY BE REQUIRED.					

CHANNEL CHART (CA)

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
○	○	VL	02		I
			03		
			04		
			05		
			06		
		VH	07		
			08		
			09		
			10		
			11		
			12		
			13		
		MID	A	14	II
			B	15	
			C	16	
			D	17	
			E	18	
			F	19	
			G	20	
			H	21	
			I	22	
×	○		J	23	
			K	24	
			L	25	
			M	26	
			N	27	
			O	28	
		SUPER	P	29	
			Q	30	
			R	31	
			S	32	
			T	33	
			U	34	
			V	35	
			W	36	
		HYPER	W+1	37	III
			W+2	38	
			W+3	39	
			W+4	40	
			W+5	41	
			W+6	42	
			W+7	43	
			W+8	44	
			W+9	45	
			W+10	46	
			W+11	47	
			W+12	48	
			W+13	49	
			W+14	50	
			W+15	51	
			W+16	52	
			W+17	53	
			W+18	54	
			W+19	55	
			W+20	56	
			W+21	57	
			W+22	58	
			W+23	59	
			W+24	60	
			W+25	61	
			W+26	62	
			W+27	63	
			W+28	64	
		ULTRA	W+29	65	IV
			W+30	66	
			W+31	67	
			W+32	68	
			W+33	69	
			W+34	70	

MODE		BAND	CHANNEL		TUNER BAND
TV	CATV		REAL	DISP.	
×	○	ULTRA	W+35	71	IV
			W+36	72	
			W+37	73	
			W+38	74	
			W+39	75	
			W+40	76	
			W+41	77	
			W+42	78	
			W+43	79	
			W+44	80	
			W+45	81	
			W+46	82	
			W+47	83	
			W+48	84	
			W+49	85	
			W+50	86	
			W+51	87	
			W+52	88	
			W+53	89	
			W+54	90	
			W+55	91	
			W+56	92	
			W+57	93	
			W+58	94	
			W+59	100	
			W+60	101	
			W+61	102	
			W+62	103	
			W+63	104	
			W+64	105	
			W+65	106	
			W+66	107	
			W+67	108	
			W+68	109	
			W+69	110	
		W+70	111		
		W+71	112		
		W+72	113		
		W+73	114		
		W+74	115		
		W+75	116		
		W+76	117		
		W+77	118		
		W+78	119		
		W+79	120		
W+80	121				
W+81	122				
W+82	123				
W+83	124				
W+84	125				
		SUB MID	A-8	01	I
			A-4	96	
			A-3	97	II
			A-2	98	
			A-1	99	
○	×	UHF	14 } 69		IV
TOTAL 180CH { VHF 124CH { UHF 56CH					
NOTE: TO RECEIVE THE SUBSCRIPTION OR PREMIUM PROGRAMMING FROM CERTAIN CABLE COMPANIES. SPECIAL ADAPTERS MAY BE REQUIRED.					